Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1186.15 *15*	0.0087 *10*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1186.2 *3*	0.0039 *13*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1186.2 *6*	0.28 *8*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1186.27 *10*	0.13 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1186.27 *10*	0.28 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1186.3 *2*	0.0027 *6*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
1186.4 *5*	0.67 *10*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1186.4 *3*	0.0084 *16*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1186.4 *3*	0.054 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1186.42 *16*	20.1 *9*	^{78}Ga(5.09 s)	619.40(77), 567.06(18.2), 1025.11(12.4)
1186.46 *14*	†0.67 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1186.5 *10*	0.21 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1186.52 *10*	0.0372 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1186.54 *20*	0.185 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1186.54 *5*	2.25 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1186.56 *10*	0.00046 *5*	^{165}Dy(2.334 h)	94.700(3.58), 361.68(0.84), 633.415(0.568)
1186.59 *9*	1.03 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1186.6 *5*	†1.3 *5*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1186.6 *4*	0.80 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1186.7		^{41}Cl(38.4 s)	1353, 834, 515
1186.7 *3*	0.066 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1186.7 *5*	†2.0 *8*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1186.7 *1*	0.383 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1186.7 *2*	0.083 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1186.7 *2*	†20.8 *9*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1186.8 *2*	3.4 *19*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1186.9 *2*	0.275 *16*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1186.9 *6*	0.41 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
• 1186.98 *10*	0.0310 *18*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1186.99 *3*	0.0016 *5*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
1187 *1*	0.7	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1187.0 *2*	0.07	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1187.0 *3*	0.42 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1187.1 *2*	0.14 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1187.1	0.04 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1187.13 *9*	3.67 *25*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 1187.13 *9*	1.68 *3*	^{158}Tb(180 y)	944.09(44), 962.06(20.3), 79.5104(11.6)
1187.13 *20*	0.42 *3*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 1187.14 *7*	0.629 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1187.2 *3*	0.17 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1187.2 *3*	†>1.4	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1187.2 *6*	1.5 *8*	^{183}Lu(58 s)	1125.3(25.0), 1056.8(16.5), 168.1(7.5)
1187.2 *6*	0.11 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1187.23 *10*	0.46 *5*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1187.28 *5*	12.8 *5*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 2140.20(7.0)
1187.3 *5*	2.6 *7*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1187.3 *5*	2.0 *6*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1187.3 *3*	0.073 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1187.3 *5*	0.015 *7*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1187.39 *18*	†5.8 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1187.4 *5*	2.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1187.49 *4*	0.106 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1187.5	0.029	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1187.5 *3*	0.38 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1187.5 *3*	†25.5 *10*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
• 1187.50 *30*	0.0448 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1187.5 *3*	0.107 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1187.6	0.71 *8*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1187.6 *2*	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1187.6 *5*	0.141 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1187.7 *2*	0.34 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1187.7 *3*	0.0068 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1187.7 *3*	0.546 *23*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1187.70 *10*	2.0 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1187.79 *20*	†6.2×10^3 *23*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
1187.8 *5*	0.24 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1187.8	0.011 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1187.8 *6*	0.13	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1187.81 *21*	†1.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1187.93 *20*	†2.7 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1188.0 *1*	0.026 *7*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1188.0 *3*	0.47 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1188 *1*	0.8 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1188.2 *7*	0.57 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1188.26 *3*	1.69 *9*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1188.3 *1*	0.0094 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1188.3 *3*	2.0 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1188.35 *5*	0.289 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1188.40 *13*	0.136 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1188.5 *2*	3.6 *12*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1188.54 *7*	1.22 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1188.6 *2*	0.58 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1188.6 *3*	0.0054 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1188.69 *13*	0.0071 *24*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1188.70	†1.9	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1188.7 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 1188.76 *7*	0.0042 *7*	^{122}Sb(2.70 d)	564.119(69), 692.794(3.78), 1256.901(0.80)
1188.76 *7*	0.0255 *12*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1188.78 *9*	0.47 *6*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1188.82 *5*	0.379 *9*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1188.85 *10*	0.22 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1188.9 *5*	0.14	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
• 1188.90 *12*	0.094 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1188.90 *12*	0.61 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1188.90 *12*	0.28 *9*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1189.0 *5*	0.36 *9*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
1189.0 *4*	†1.3 *6*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1189.00 *13*	0.158 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 1189.0503 *5*	16.23 *4*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1189.0503 *5*	15.0 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1189.0503 *5*	9.0 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1189.16 *6*	0.59 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1189.2	0.046 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1189.24 *9*	0.296 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1189.3 *3*	0.09 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1189.3 *2*	0.36 *7*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1189.37 *8*	0.224 *20*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1189.5 *10*	0.24 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1189.5 *6*	0.21 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1189.5 *1*	0.026 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1189.5 *1*	0.0269 *19*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1189.5 *3*	0.021 *4*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1189.54 *21*	0.082 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1189.68 *16*	0.92 *5*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1189.7 *2*	1.13 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1189.7 *10*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1189.7 *10*	†1.5	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1189.8 *5*	0.085 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1189.9 *3*	0.054 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1189.9 *5*	1.15 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1189.9 *5*	0.26 *11*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1189.9 *8*	0.27	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1190.0 *5*	†33 *4*	^{106}Sn(115 s)	386.8(†100), 477.5(†62), 253.30(†57)
1190.0 *7*	0.024 *14*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1190.0 *15*	0.292 *14*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1190.0 *12*		^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
• 1190.0 *10*	0.0005 *3*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1190.03 *8*	0.35 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
• 1190.03 *4*	0.084 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1190.11 *8*	0.264 *18*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
• 1190.15 *3*	0.047 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1190.22 *10*	4.5	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1190.28 *7*	0.0023 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1190.3 *3*	0.038 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
1190.3 *5*	0.063 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1190.33 *10*	0.46 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1190.34 *15*	1.49 *21*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1190.4 *6*	0.47 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1190.4	0.14	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1190.4 *5*	0.23 *9*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1190.42 *6*	0.212 *12*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1190.44 *10*	0.141 *15*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1190.47 *5*	0.00022 *3*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1190.5 *2*	†10.6 *9*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1190.58 *3*	20.5 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1163.61(15.4)
1190.6 *8*	0.011 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1190.6 *6*	0.08 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1190.6 *3*	0.42 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1190.6 *3*	†0.52 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1190.8 *2*	0.13 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1190.8 *14*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1190.8 *5*	0.14 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1190.8 *15*	0.22 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1190.81 *10*	0.287 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1190.81 *20*	0.0064 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1190.92 *14*	0.472 *18*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1191 *1*	0.8 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1191.09 *47*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1191.1 *4*	0.38	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1191.1 *4*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1191.1 *4*	0.043 *12*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1191.1 *3*	0.22	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1191.13 *5*	0.153 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1191.18 *9*	0.0049 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1191.2 *5*	0.35 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1191.2 *4*	0.87 *14*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1191.2 *8*	0.9 *3*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1191.28 *20*	0.56 *8*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1191.37 *7*	0.42 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1191.4 *4*	0.98 *7*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1191.49 *9*	0.231 *14*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1191.5 *5*	0.27 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1191.5 *4*	0.18 *5*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1191.6 *5*	0.45 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1191.7 *3*	0.071 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1191.75 *14*	4.14 *15*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1191.80 *20*	9.0 *11*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
1191.8 *8*	0.10 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1191.89 *8*	0.37 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1191.9 *2*	†319 *67*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1192	0.28	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1192.0 *10*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1192.02 *13*	0.0131 *4*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1192.09 *8*	4.7 *3*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1192.2	4400	^{135}Xe(15.29 m)	786.836(†490000), 1133(†33000), 1358(†22000)
1192.2 *4*	0.41 *6*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1192.2 *8*	0.047 *6*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1192.3 *3*	0.0017 *3*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1192.34 *19*	0.160 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1192.38 *5*	0.0119 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1192.4 *4*	†2 *1*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1192.42 *15*	0.00102 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1192.5		^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1192.516 *16*	0.166 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1192.53 *5*	4.4 *3*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1192.6 *3*	†11 *2*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1192.66 *50*	0.13 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1192.7 *1*	0.0164 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1192.8 *10*	0.16 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1192.8 *1*	6.9 *10*	^{141}Gd(14 s)	215.8(54), 525.9(17), 336.2(17.1)
1192.8 *2*	0.155 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1192.9 *3*	0.099 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1193 *2*	0.10 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1193.0 *2*	0.0088 *10*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1193.07 *3*	0.0644 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1193.07 *25*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1193.1 *1*		^{152}Pm(13.8 m)	229.9, 200.6, 63.51
1193.1 *1*	0.95 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1193.1 *10*	0.17 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1193.15 *14*	0.8 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1193.2 *2*	0.95 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1193.2 *2*	†0.59 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1193.2 *3*	0.56 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1193.2 *4*	0.14 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1193.225 *34*	0.0664 *16*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1193.26 *3*	2.57 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1193.3 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1193.3 *3*	0.20 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1193.34 *24*	3.0 *5*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1193.4 *5*	0.054 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1193.44 *7*	0.47 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1193.47 *15*	0.078 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 1193.5		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1193.7 *5*	0.035 *8*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1193.7 *5*	0.084 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1193.7 *3*	0.22 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1193.7 *1*	†4.1 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1193.76 *5*	0.61 *3*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1193.77 *11*	†20.5 *12*	^{83}Ge(1.85 s)	306.51(†100.0), 1525.50(†13.6), 1434.87(†11.8)
1193.77 *3*	0.021 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1193.77 *3*	†0.347×10^{4} *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1193.77 *3*	6.02 *24*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1193.826 *24*	4.8 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1193.826 *24*	0.018 *4*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
• 1193.826 *24*	0.799 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
• 1193.89 *16*	0.041 *9*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1193.9 *6*	0.36 *10*	^{232}Np(14.7 m)	327.3(52), 819.187(33.3), 866.760(24.4)
1194.0 *3*	0.091 *18*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1194.0	0.07	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1194.0 *2*	0.09	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1194.0 *10*	0.132 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1194.02 *10*	0.50 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1194.02 *11*	3.95 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 588.79(3.79)
1194.03 *3*	0.132 *18*	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
1194.10 *10*	0.372 *24*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1194.1 *5*	0.030 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
• 1194.185 *17*	0.128 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1194.2		^{147}Ce(56.4 s)	268.80(7), 92.9(4.7), 374.23(3.5)
1194.2 *3*	0.203 *20*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1194.2 *15*	0.18 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1194.25 *5*	1.26 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1194.3 *3*	0.9 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1194.35 *9*	0.19 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1194.5 *5*	0.56 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1194.53 *4*	0.0573 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1194.53 *4*	0.0398 *25*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1194.6 *1*	0.378 *10*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
1194.6 *2*	7 *1*	^{151}Er(23.5 s)	638.3(36), 667.2(17), 256.4(15.9)
1194.6 *12*	†1.7 *9*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 1194.69 *8*	0.277 *15*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1194.7 *3*	†1.9	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1194.7 *3*	2.1 *3*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1194.7 *10*	0.019 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1194.71 *10*	0.013 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1194.8 *2*	0.08 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1194.9 *3*	0.112 *5*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 549.02(0.106)
1194.9 *2*	>0.05	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1194.9 *3*	0.038 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1194.94 *20*	0.088 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1195.0 *3*	0.16 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1195.00 *5*	0.158 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1195 *1*	0.8 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1195.03 *12*	0.158 *20*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1195.1 *3*	0.084 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1195.10 *10*	6.7 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1195.1 *14*	0.073 *8*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1195.1 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1195.28 *18*	0.98 *21*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
• 1195.3 *4*	0.0025 *13*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1195.3 *5*	0.090 *3*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1195.31 *5*	1.47 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1195.4 *2*	0.05 *4*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1195.4 *3*	†0.80 *8*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1195.4 *3*	†4.5 *7*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1195.4	0.28 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1195.4 *2*	0.108 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1195.4 *2*	47 *3*	^{192}Pb(3.5 m)	608.2(17.9), 167.5(13.6), 781.6(8.5)
1195.42 *20*	0.26 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1195.49 *4*	0.028 *3*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1195.5 *5*	†5 *2*	^{100}Y(0.94 s)	212.531(†100), 351.960(†33), 878.54(†18)
1195.5 *6*	0.23 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 1195.5 *4*	0.0026 *5*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1195.53 *14*	0.22 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1195.6 *3*	0.65 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1195.63 *18*	0.25 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1195.75 *6*	0.048 *3*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1195.78 *10*	0.197 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1196.0 *5*	0.7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1196.0 *4*	1.62 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1196.0 *2*	0.30 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1196.08 *7*	3.65 *22*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1196.2 *5*	†0.7 *5*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1196.2 *1*	0.39 *10*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1196.2 *5*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1196.2 *10*	0.14 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1196.23 *6*	0.96 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1196.28 *11*	0.63 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1196.30 *30*	0.023 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1196.3	0.47 *15*	^{148}Ba(0.607 s)	56.08(29.20), 133.53(3.88), 415.78(3.59)
1196.3 *5*	1.3 *3*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1196.3 *3*	†1.26 *24*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1196.33 *5*	0.0102 *4*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1196.38 *6*	6.82 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1196.40 *30*	0.11 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1196.46 *27*	0.75 *9*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1196.5 *4*	3.0 *3*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1196.5 *1*	†0.75 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1196.5 *8*	†179 *36*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1196.513 *20*	0.012 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1196.513 *20*	0.0039 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1196.6 *2*	0.30 *3*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1196.6 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1196.6 *7*	0.227 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1196.7 *6*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1196.8 *5*	†100 *25*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1125.4(†100)
1196.8 *3*	0.95 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 1196.858 *11*	0.260 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1196.86 *11*	1.46 *20*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1196.87 *5*	0.2311 *25*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1196.9 *2*	2.8 *8*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1196.9 *1*	0.89 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1196.9 *4*	0.026 *21*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1196.90 *15*	0.0009	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
1197.07 *13*	0.00139 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1197.1 *3*	3.5 *7*	^{75}Rb(19.0 s)	178.98(<63), 178.97(>51), 187.21(8.7)
1197.1 *2*	0.019 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1197.108 *24*	1.13 *4*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1197.12 *20*	1.91 *13*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1197.2 *2*	0.24 *5*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1197.2 *3*	0.57 *8*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1197.2 *2*	†3.4 *7*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
1197.3 *4*	0.77 *5*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1197.3 *6*	2.3 *4*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1197.3	4.78 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1197.5 *2*	3.8 *2*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1197.5	0.8	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1197.53 *16*	0.20 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1197.6 *5*	0.026 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1197.6 *5*	†10.1 *11*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1197.6 *3*	†0.26 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1197.69 *18*	0.31 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1197.7 *4*	0.0056 *11*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1197.8 *3*	13.8 *8*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1197.84 *6*	0.0067 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1197.90 *20*	0.37 *3*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1197.9 *5*	0.37 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1197.9 *4*	0.024 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1197.95 *18*	†1.62 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1198.0 *5*	0.36 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
• 1198 *2*	0.006 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1198 *2*	0.019 *7*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1198 *1*	0.22 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1198.0 *5*	1.7 *9*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
1198.0 *5*	†0.65 *10*	^{180}Au(8.1 s)	153.3(†100), 524.3(†29), 257.6(†26)
1198.0 *7*	0.099 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1198.0 *3*	0.0090 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1198.05 *7*	0.235 *10*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
1198.1 *3*	0.064 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1198.12 *8*	9.2 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 2279.42(7.6)
1198.14 *9*	0.029 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1198.15 *11*	0.065 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1198.19 *6*	0.0306 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1198.3 *2*	0.0055 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
• 1198.3 *10*	0.008 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1198.4 *2*	4.8 *4*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 266.3(2.57)
1198.50 *10*	0.018 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1198.54 *7*	3.2 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1198.6 *3*	0.70 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1198.6 *2*	0.396 *18*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1198.6 *3*	0.67 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1198.6 *4*	2	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1198.61 *14*	0.353 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1198.67 *10*	0.114 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
• 1198.70 *15*	0.0155 *10*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
• 1198.78 *20*	0.050 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1198.78 *7*	0.068 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1198.8 *2*	10 *3*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1198.8 *3*	0.39 *10*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1198.8 *5*	0.83 *17*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1198.9 *5*	0.10 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1198.9 *2*	0.15 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1198.94 *35*	0.17 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1198.97 *10*	8.8 *8*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1198.98 *25*	0.24 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1199.0 *3*	†3.5 *7*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1199.09 *8*	0.060 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1199.1 *2*	0.026 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1199.10 *6*	0.225 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1199.1 *11*	0.08 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1199.15 *24*	0.17 *3*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1199.2 *4*	0.25 *6*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1199.2 *4*	0.89 *10*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1199.2 *4*	0.13 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 1199.2	0.012	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1199.3 *4*	0.023 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1199.3 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1199.3 *3*	0.153 *17*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1199.31 *11*	0.0101 *18*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1199.33 *5*	7.20 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1199.39 *10*	11.4 *6*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1199.39 *10*	11.2 *5*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1199.4 *5*	0.028 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1199.43 *23*	0.18 *5*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1199.45 *2*	0.0208 *12*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1199.5 *2*	0.0049 *11*	^{179}Lu(4.59 h)	214.335(11.3), 214.930(0.46), 123.3790(0.45)
1199.50 *30*	0.08 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1199.59 *5*	0.190 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1199.66 *16*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1199.67 *17*	0.0040 *4*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1199.70 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1199.7 *4*	24.3 *16*	^{180}Lu(5.7 m)	407.94(43.0), 1106.00(22.7), 215.256(22.1)
1199.8 *5*	0.11 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1199.8 *5*	0.25 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1199.8 *5*	0.016 *6*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1199.87 *7*	2.58 *24*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 1199.89 *3*	2.380 *12*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1199.89 *3*	†2.8 *6*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1199.9 *2*	1.57 *12*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1199.9 *2*	0.259 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1199.9 *2*	†3.8 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1199.97 *5*	1.75 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1200 *1*	0.19	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1200.0 *4*	3.6 *4*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1200.0 *5*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1200.00 *25*	0.14 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1200.1 *3*	0.32 *4*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1200.1 *1*	2.92 *24*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1200.1 *3*	0.162 *21*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1200.231 *13*	19.97 *10*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 1200.231 *13*	0.37 *3*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
1200.231 *13*	1.08 *5*	^{96}Tc(51.5 m)	778.224(1.9), 480.705(0.311), 719.562(0.296)
1200.24 *12*	3.2 *4*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1200.24 *12*	0.066 *10*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 1200.24 *12*	0.440 *23*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1200.25 *10*	6.39 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 2330.50(4.99)
1200.37 *15*	5.2 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1200.5 *7*	0.025 *11*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1200.5 *3*	†7.2 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1200.6 *11*	0.018 *12*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1200.6 *2*	9.7 *10*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1200.66 *3*	0.314 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1200.8 *5*	0.20 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1200.85 *15*	0.125 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1200.9 *4*	0.28 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1200.9 *3*	0.152 *21*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1201	>0.019	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1201.0 *3*	1.61 *19*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1201 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1201.0 *5*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1201.0 *9*		^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1201 *1*	<0.007	^{233}Th(22.3 m)	86.477(2.7), 29.374(2.5), 459.222(1.4)
1201.03 *6*	0.188 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1201.03 *6*	0.030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1201.1 *8*	0.11 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1201.2 *1*	†3.6 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1201.24 *4*	0.306 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1201.29 *12*	0.22 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1201.3 *6*	1.52 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1201.3 *3*	0.26 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1201.3 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1201.3 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1201.4 *2*	0.043 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1201.4 *2*	0.06 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1201.4	†3.4	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1201.4 *2*	†1.33 *13*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1201.43 *10*	0.0814 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1201.46 *13*	0.159 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1201.48 *10*	0.36	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1201.5 *2*	0.012 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1201.5 *3*	0.093 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1201.5 *4*	0.41 *8*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1201.6 *2*	0.44 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1201.6 *5*	1.18 *14*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1201.6 *1*	0.166 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1201.77 *15*	0.159 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1201.79 *3*	0.0047 *3*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1201.79 *3*	1.23 *9*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1201.8 *6*	0.18 *3*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
1201.8 *5*	0.075 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1201.8 *3*	0.27 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1201.87 *8*	0.036 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1201.93 *3*	0.177 *4*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1202.0 *6*	1.0 *5*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1202.1 *2*	†152 *29*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1202.1 *5*	†2.8	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1202.2 *4*	0.12 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1202.2 *6*	†0.2	^{111}Rh(11 s)	275.4(†100.0), 411.8(†9.42), 230.0(†8.9)
1202.2 *4*	0.063 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1202.2 *4*	0.49 *12*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1202.2 *2*	0.90 *13*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1202.2 *2*	†5.0 *7*	^{181}Hg(3.6 s)	147.8(†100), 42.5(†25), 1986.7(†17)
1202.22 *16*	1.26 *14*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1202.24 *3*	0.0127 *25*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
• 1202.26 *5*	0.0111 *7*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1202.27 *10*	4.48 *25*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1202.29 *10*	0.0016 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1202.3 *10*	0.26 *7*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1202.329 *14*	0.180 *13*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1202.329 *14*	0.11 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1202.4 *7*	0.047 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1202.4 *6*	0.06	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1202.4 *1*	5.54 *21*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1202.4 *6*	0.33 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1202.4 *5*	0.023 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1202.490 *13*	0.080 *6*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1202.5 *1*	0.046 *5*	^{210}Rn(2.4 h)	458.25(1.7), 648.70(0.843), 570.95(0.840)
• 1202.53 *8*	0.0035 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1202.54 *14*	0.126 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 1202.58 *10*	0.105 *6*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1202.6	3.3	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1202.6 *2*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1202.6 *2*	†15.0 *30*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1202.6 *2*	†4.0 *20*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
• 1202.6 *3*	0.0071 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1202.7 *5*	†1.1 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1202.77 *5*	1.08 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1202.8 *5*	0.27 *13*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1202.910 *24*	0.090 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1202.95 *30*	0.0202 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1202.96 *5*	0.074 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1203.09 *25*	0.87 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1203.1 *5*	4.9	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1203.1 *2*	†0.7 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1203.1 *4*	1.5	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1203.13 *5*	0.088 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1203.17 *15*	0.191 *19*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1203.2 *9*	0.58 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1203.2 *2*	0.0049 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1203.3 *1*	0.107 *5*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1203.3 *5*	0.11 *4*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
• 1203.3 *4*	0.0047 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1203.4 *2*	0.16 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1203.4 *4*	0.213 *21*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1203.5 *1*	0.0072 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 1203.59 *11*	0.00023 *5*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1203.6 *5*	0.069 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1203.6 *4*	†1.2 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1203.69 *13*	0.40 *4*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1203.7 *1*	13.4 *7*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1203.7 *2*	2.5 *7*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1203.7 *5*	2.01 *16*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1306.38(2.25)
1203.80 *4*	1.99 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1203.873 *20*	1.038 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1203.9 *1*	1.54 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1203.9 *1*	0.46 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1203.98 *8*	2.01 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1204.07 *30*	0.19 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1204.1 *4*	†0.57 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1204.15 *16*	0.084 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1204.2 *2*	0.22 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1204.2	†4 *1*	^{155}Tm(21.6 s)	226.8(†100), 531.7(†20), 88.1(†17)
1204.208 *12*	7.59 *18*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
• 1204.208 *12*	0.285 *18*	^{74}As(17.77 d)	595.847(59), 608.353(0.552), 887.19(0.0255)
1204.3 *1*	14.23 *23*	^{142}Ba(10.6 m)	255.300(20.5), 895.2(13.9), 231.611(12.12)
1204.31 *29*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1204.4 *1*	0.45 *22*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1204.5 *3*	2.3 *4*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
1204.5 *4*	0.035 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1204.6 *1*	0.50	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1204.6 *1*	1.33	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1204.60 *13*	†1.63 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1204.7 *2*	†2.1 *5*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1204.7 *3*	0.066 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
• 1204.77 *6*	0.30	^{91}Y(58.51 d)	
• 1204.77 *6*	2.9	^{91}Nb(60.86 d)	
1204.8 *3*	1.9 *4*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1138.7(1.5)
• 1204.80 *30*	0.0179 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1204.8 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1204.85 *10*	9.3×10^{-5} *7*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 1061.61(0.000762)
1204.85 *10*	0.33	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1204.9 *7*	0.050 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1204.9 *5*	0.0188 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1204.9 *2*	0.0015	^{239}U(23.45 m)	74.664(48), 43.533(4.14), 662.24(0.18)
1205 *1*	0.12 *5*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1205 *2*	†0.9	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1205.019 *24*	2.44 *5*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1205.07 *12*	44	^{61}Fe(5.98 m)	1027.42(42.7), 297.90(22.2), 1645.95(7.0)
1205.1 *6*	0.15 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1205.1 *5*	0.030 *6*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1205.13 *60*	0.17	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1205.19 *10*	0.96 *15*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1205.2 *8*	0.12 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1205.20 *8*	0.38 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1205.3 *2*	2.63 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1205.3	0.028	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1205.33 *10*	0.049 *10*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1205.38 *2*	0.79 *3*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1205.40 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1205.4 *6*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1205.4 *3*	0.109 *17*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1205.4 *4*	0.119 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1205.4 *3*	†10.2 *12*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1205.5 *3*	4.7 *17*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1205.5 *4*	3.3 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1205.5 *3*	0.13 *4*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1205.5 *5*	0.6	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1205.5 *3*	0.18 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
• 1205.5		^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1205.5 *4*	0.29 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1205.6 *3*	0.115 *24*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1205.6 *5*	0.39 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1205.6	>0.018	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1205.6 *3*	†3.1 *16*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 1205.62 *8*	0.155 *7*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1205.62 *8*	0.029 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1205.7 *4*	1.22 *13*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1205.7 *3*	0.022 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1205.7 *5*	0.44	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1205.7 *4*	0.054 *12*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1205.7 *5*	0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1205.7 *3*	0.50 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1205.700 *13*	0.298 *12*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1205.717 *14*	>0.013	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1205.717 *14*	29.9 *17*	^{200}Tl(26.1 h)	367.943(87), 579.298(13.8), 828.320(10.8)
1205.8 *6*	0.48 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1205.8 *3*	†0.30 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1205.9 *4*	0.15	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1205.92 *4*	4.9 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1228.33(1.4)
1206.0 *10*	0.039 *24*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1206.0 *10*	0.21 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
• 1206.00 *4*	0.50 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1206.0 *15*	0.19 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1206.09 *16*	0.015 *1*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1206.09 *16*	†2.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1206.09 *16*	0.062 *25*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1206.24 *7*	0.58 *9*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1206.30 *14*	0.120 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1206.30 *20*	0.134 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1206.4 *2*	†100	^{108}Sb(7.0 s)	905.1(†25)
1206.4 *1*	0.0387 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1206.45 *10*	0.190 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1206.48 *15*	0.100 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1206.5 *6*	0.009 *5*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1206.6 *6*	1.3 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
• 1206.60 *4*	12.74 *20*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1206.6	0.006 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1206.6 *7*	1.00 *10*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1206.7 *4*	0.077 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1206.8 *7*	0.040 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1206.88 *19*	0.91 *7*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1206.9	2.6	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1206.9 *3*	0.087 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1206.96 *4*	0.148 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1207.0 *4*	0.39 *8*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1207.0 *15*	†0.8 *2*	^{181}Os(2.7 m)	144.99(†100), 118.03(†28.3), 1118.8(†4.2)
• 1207.04 *2*	0.00046 *13*	^{126}I(13.11 d)	666.331(33.1), 753.819(4.16), 1420.17(0.295)
1207.04 *11*	0.61 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1207.1 *1*	0.0038 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1207.1 *2*	†12.0 *5*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1207.12 *17*	4.3 *4*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1847.8(1.13)
1207.2 *8*	>0.40	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1207.2	0.16 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1207.2 *3*	0.139 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1207.21 *6*	0.39 *3*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1207.3	0.14	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1207.3 *6*	0.0029 *10*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1207.35 *40*	0.243 *23*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1207.4 *1*	3.91 *23*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
• 1207.473 *14*	0.630 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1207.5 *9*	0.59 *11*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
1207.6 *4*	0.49 *8*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1207.67 *10*	0.30 *3*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1207.68 *3*	0.49 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 1207.74 *7*	0.00111 *10*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1207.8 *1*	3.6 *11*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1207.8 *10*	0.0015 *4*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1207.9 *3*	0.0043 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1207.9 *4*	4.4 *6*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1207.92 *36*	0.14 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1207.930 *12*	0.058 *9*	^{50}Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
1208.0 *1*	0.074 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1208.0 *10*	>0.8	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1208.0 *10*	0.057 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1208.02 *4*	0.021 *4*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1208.02 *13*	1.53 *11*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1208.06 *14*	0.51 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1208.09 *9*	18.7 *6*	^{91}Mo(65.0 s)	1507.93(24.3), 2240.87(0.73), 1032.59(0.530)
1208.1 *3*	0.17 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1208.2 *6*	0.22 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1208.2 *4*	0.28 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1208.2 *5*	0.11 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1208.2 *2*	2.7 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1208.3 *4*	0.05 *5*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1208.3 *7*	0.48 *16*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1208.3 *5*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1208.33 *12*		^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 1208.4 *2*	0.0078 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1208.4 *1*	0.25 *4*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1208.4 *5*	0.60 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1208.4 *3*	0.20 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1208.43 *12*	0.00173 *19*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1208.48 *6*	0.228 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1208.5 *2*	0.209 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1208.5 *7*	0.90 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1208.5 *3*	0.16 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1208.5 *5*	0.28 *9*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1208.5 *7*	0.56 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 1208.5 *4*	0.24 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1208.55 *19*	0.155 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1208.56 *4*	0.512 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
• 1208.6 *4*	0.0204 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1208.6 *5*	†7	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1208.7 *10*	0.41 *10*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 1208.76 *10*	0.049 *5*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1208.8 *3*	0.0123 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 1208.90 *10*	0.055 *8*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1208.99 *11*	2.03 *19*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1209.0 *10*	0.07 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1209.00 *20*	0.0061 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1209.0 *4*	0.18 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1209.0 *4*	0.13 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1209.0 *2*	†6.70 *24*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1209.08 *10*	1.36 *16*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
• 1209.1 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1209.1 *3*	†6.9 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1209.1 *2*	0.034 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
• 1209.13 *10*	0.052 *5*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1209.2 *3*	0.59 *11*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1209.2	†71	^{176}Os(3.6 m)	1290.9(†100), 775.8(†98), 857.2(†69)
1209.2 *2*	0.065 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 1209.32 *15*	0.165 *23*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
• 1209.4 *5*	0.034 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1209.4 *5*	0.07 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1209.45 *15*	0.028 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 1209.46 *19*	0.0034 *16*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1209.5 *4*	0.50	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1209.6 *3*	0.35 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1209.60 *10*	0.258 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1209.7 *3*	1.23 *17*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1209.72 *11*	0.00185 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1209.739 *10*	0.388 *20*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1209.8 *7*	0.33 *2*	^{87}Zr(1.68 h)	1227(1.0), 1024(0.28), 793.60(0.10)
1209.80 *20*	0.00045 *10*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1209.8 *2*	0.39 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1209.80 *6*	0.00293 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1209.80 *6*	6.9 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 1209.83 *3*	0.0660 *10*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1209.84 *8*	0.142 *24*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1209.88 *22*	0.132 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1209.9 *3*	0.88 *13*	^{158}Sm(5.30 m)	189.4(15.2), 363.6(12.4), 324.5(10.6)
1209.9 *5*	1.3 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1209.92 *8*	1.77 *18*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1209.96 *24*	0.0078 *12*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1210.0 *3*	0.29 *4*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1210.0 *1*	0.0061 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1210.0 *3*	0.082 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1210.0 *3*	2.0 *6*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
1210 *20*	17 *4*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1210	>0.10	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1210.04 *6*	0.173 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1210.1 *7*	†>0.18	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1210.2 *9*	0.022 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1210.2 *4*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1210.2 *5*	0.0068 *25*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1210.2 *3*	0.18	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1210.35 *9*	0.0111 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1210.370 *13*	0.089 *3*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1210.4 *2*	†16 *3*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1210.4 *6*	0.43 *10*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1210.5 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1210.5 *5*	0.015 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1210.6 *5*	0.60 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1210.63 *4*	0.944 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1210.8 *3*	1.8 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1210.8 *1*	†2.27 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1210.88 *25*	0.10 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1210.9 *8*	1.62 *23*	^{65}Co(1.20 s)	1141.7(4.0), 310.6(2.90), 963.7(2.6)
1210.91 *30*	0.139 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 1211.0 *2*	0.081 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1211.0 *3*	0.042 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1211.0 *4*	0.28 *7*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1211 *2*	†1.1	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1211.08 *16*	†14 *5*	^{102}Y(0.36 s)	151.73(†100), 326.64(†53), 1091.3(†42)
1211.08 *16*	†40 *4*	^{102}Y(0.30 s)	151.73(†100), 1059.21(†29), 743.01(†17)
1211.09 *7*	0.197 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1211.1 *1*	†4.9×10^3 *5*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1211.145 *26*	0.118 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1211.2 *4*	0.067 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
• 1211.20 *30*	0.0358 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1211.28 *11*	6.1 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1211.30 *13*	0.081 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1211.32 *6*	0.22 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 1211.35 *8*	0.0246 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1211.4 *3*	0.99 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1211.40 *17*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1211.4 *5*	0.05 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1211.44 *23*	0.105 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1211.5 *10*	0.32 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1211.5 *10*	0.10 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1211.5 *6*	0.067 *3*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1211.5 *15*	0.14 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1211.6 *7*	0.009 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1211.7 *5*	0.012 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1211.74 *4*	3.0 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1211.76 *3*	0.0440 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1211.8 *1*	0.26 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1211.87 *10*	0.184 *17*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1211.87 *15*	92	^{110}Sb(23.0 s)	985.03(31.2), 1243.6(13.4), 827.1(9.4)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1211.9 *2*	4.7 *14*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1212 *1*	0.34	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1212.0 *3*	0.47 *10*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1212.0 *3*	0.070 *7*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1212.0 *8*	>0.49	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1212.0 *2*	0.15 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1212.2 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1212.2 *5*	4.36 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1212.29 *9*	0.62 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1212.3 *4*	0.012 *3*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1212.3 *5*	0.08 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1212.41 *24*	2.0 *3*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
• 1212.496 *23*	0.278 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1212.5 *2*	0.41 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1212.5 *7*	†0.12 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
• 1212.52 *8*	0.48 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1212.59 *6*	0.40 *12*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1212.60 *9*	0.19 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1212.60 *7*	4.4 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1212.71 *19*	†2.0 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1212.73 *17*	0.14 *5*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
• 1212.73 *7*	66	^{119}Te(4.70 d)	153.59(66), 270.53(28.0), 1136.75(7.66)
1212.8		^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 1530.67(0.116)
1212.8 *2*	0.19 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1212.8 *2*	0.0118 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1212.8 *6*	0.0043 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1212.8 *4*	0.18 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1212.85 *22*	0.023 *8*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 1212.880 *12*	2.38 *4*	^{48}Sc(43.67 h)	1312.096(100.1), 983.517(100.1), 1037.599(97.6)
1212.9 *2*	0.78 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1212.94 *4*	1.44 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1212.94 *4*	1.7 *5*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1212.950 *12*	1.00 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1212.950 *12*	1.399 *17*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1213.0 *4*	0.26 *3*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
1213.0 *4*	39.3 *24*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1483.2(34.1)
1213.0 *4*	†0.46 *17*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1213	>0.16	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1213 *3*	1.2 *12*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
1213.0 *5*	0.40 *5*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
• 1213.0 *2*	2.39 *20*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
• 1213.0 *2*	0.120 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1213.0	†8	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1213.0 *4*	3.5 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
1213.03 *56*	0.15 *6*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1213.08 *5*	0.0465 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1213.08 *35*	0.13 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1213.08 *6*	0.00073 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1213.10 *10*	0.023 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1213.1 *3*	0.56 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1213.1 *5*	0.033 *16*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1213.1 *4*	0.061 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1213.1 *3*	†6.3 *9*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1213.17 *27*	7	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1213.17 *27*	5.7 *3*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
1213.18	0.022 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1213.18 *8*	0.095 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1213.2 *12*	0.07	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1213.20 *11*	0.15	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1213.30 *15*	0.093 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1213.3 *4*	2.0 *4*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1213.3 *6*		^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
1213.3 *6*		^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1213.3 *3*	0.28 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1213.3 *2*	0.0062 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1213.37 *9*	0.045 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1213.39 *10*	2.6 *3*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1213.4 *15*	1.20 *11*	^{31}Na(17.0 ms)	2243.9(10.4), 171.1(4.8), 2022.2(3.8)
1213.4 *8*	0.32 *10*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1213.4 *3*		^{152}Pm(13.8 m)	229.9, 200.6, 63.51
1213.52 *15*	0.134 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1213.58 *13*	0.61 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
• 1213.65 *20*	0.052 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1213.7 *11*	0.43 *4*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1213.72 *8*	1.03 *8*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1213.8 *4*	0.043 *16*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1213.8	0.16 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1213.8 *7*	0.2	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1214.0 *3*	0.83 *10*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1214.0 *5*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1214.13 *3*	0.100 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1214.2 *7*	0.0305 *7*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1214.2 *8*	0.13 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
• 1214.2 *2*	0.300 *14*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1214.2 *5*	†0.48 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1214.2 *3*	0.16 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1214.26 *20*	0.65 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1214.3 *2*	0.288 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1214.3 *4*	0.106 *14*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1214.4 *6*	0.22	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1214.44 *8*	0.70 *5*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1214.5 *3*	11.7 *10*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1214.5 *2*	0.8 *4*	^{110}Rh(3.2 s)	373.80(54), 439.79(6.5), 796.83(5.3)
1214.5 *4*	†0.5 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1214.5 *8*	>0.49	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1214.5 *5*	2.42 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1214.69 *7*	4.0 *3*	^{55}V(6.54 s)	517.71(73), 880.70(18.1), 921.10(4.6)
1214.7 *8*	>0.011	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1214.7 *2*	0.18 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1214.7 *5*	†6	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1214.8 *3*	0.25 *4*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1214.8	†6	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1214.86 *10*	0.46 *6*	^{119}In(2.4 m)	763.14(99), 23.870(16.0), 697.47(0.49)
• 1214.88 *15*	0.241 *8*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1214.9 *4*	0.073 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1214.98 *5*	1.76 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1215.0 *8*	0.044 *9*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1215.0 *20*	0.046 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1215.0 *6*	†0.24 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1215.0 *7*	0.10 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1215.0	†35 *3*	^{202}Po(44.7 m)	688.6(†1000), 316.0(†286), 165.7(†174)
1215.05 *4*	0.18 *3*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1215.1 *3*	0.067 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1215.14 *4*	0.789 *13*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1215.14 *4*	0.208 *8*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1215.2 *8*	0.0018 *9*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
1215.2 *3*	0.101 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 1215.28 *11*	0.105 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1215.3 *5*	8.4 *17*	^{104}Sn(20.8 s)	132.7(56), 912.6(42), 401.2(16.2)
1215.32 *15*	0.64 *7*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1215.38 *10*	0.071 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1215.4 *8*	0.065 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1215.4 *3*	0.28 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1215.4 *4*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1215.42 *5*	0.127 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1215.48 *7*	2.46 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1215.48 *12*	0.028 *4*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1215.49 *10*	0.0031 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1215.5 *3*	0.79 *12*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1215.55 *4*	0.018 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1215.57 *14*	0.66 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1215.6	†0.16 *5*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1215.6 *4*	†2.8 *7*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1215.7 *4*	0.070 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1215.80 *24*	0.0186 *16*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1215.8 *4*	†0.57 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1215.9	2.05 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1215.9	0.47 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1215.97 *52*	0.46 *12*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1216 *1*	0.03 *2*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1216 *1*	12	^{124}Ba(11.9 m)	169.3(20), 188.98(10), 271.6(8)
• 1216 *1*	0.031	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1216.1 *1*	0.098 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1216.1		^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
• 1216.104 *20*	3.42 *18*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1212.94(1.44)
1216.104 *20*	8.8 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1216.14 *19*	0.024 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1216.18 *15*	3.72 *19*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1216.2 *2*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1216.2 *3*	†4.0 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 1216.25 *4*	0.101 *5*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1216.30 *23*	0.28 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 1216.35 *11*	0.035 *5*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
1216.5 *5*	2.9 *15*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1216.5	0.23 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1216.53 *15*	0.23 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1216.6 *3*	0.085 *9*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1216.8	0.0034 *10*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1216.85 *2*	0.204 *12*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1216.85 *2*	0.0066 *4*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1216.87 *20*	0.00042	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1216.9 *1*	†0.39 *6*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1217	†2.2	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1217.0 *2*	0.020 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1217.0 *5*	0.119 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1217.03 *10*	0.022 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1217.1 *12*	0.12 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1217.1 *2*	0.0068 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1217.2 *5*	0.12 *5*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1217.2 *5*	0.95 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1217.2 *3*	†0.40 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1217.2 *1*	1.11 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1217.24 *13*	6.0 *7*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1217.3 *3*	0.061 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1217.3 *9*	0.10 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1217.30 *20*	0.202 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1217.3 *1*	0.216 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1217.4 *4*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1217.4 *2*	0.017 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1217.5 *7*	0.520 *19*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1217.5 *2*	0.019 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1217.50 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1217.50 *14*	0.180 *11*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1217.6 *6*	†2.00 *30*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1217.67 *13*	0.42 *5*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1217.7 *3*	0.11 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1217.7 *4*		^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1217.7 *4*	†1.33 *19*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
1217.71 *14*	0.067 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1217.8 *6*	0.40 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1217.8 *2*	0.5	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1217.8	†12	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1217.8 *3*	0.182 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1217.97 *18*	0.051 *6*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1218.0 *10*	0.04 *3*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1218	0.06	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
1218.0 *5*	0.056 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1218.00 *10*	12.8	^{137}I(24.5 s)	601.05(4.80), 1302.64(4.42), 1220.07(3.5)
1218.0 *3*	0.147 *17*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1218.05 *45*	0.38 *14*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 1218.16 *7*	0.0025 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1218.2 *4*	0.33 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1218.2	1.02 *10*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1218.2 *9*	†2.3 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1218.22 *9*	0.00068 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1218.3 *5*	0.19 *3*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
• 1218.30 *15*	0.00047 *14*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1218.3 *3*	>0.19	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
• 1218.38 *14*	0.0360 *25*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1218.5	0.45	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1218.50 *13*	0.0056 *8*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 1218.50 *20*	1.36 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1218.5 *1*	1.5 *1*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1218.57 *10*	0.63	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1218.6 *1*	60 *3*	^{92}Kr(1.840 s)	142.307(64), 812.6(14.6), 548.3(14.0)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1218.6 *9*	0.16 *5*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1218.6 *5*	0.061 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1218.66 *4*	1.81 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 1218.67 *7*	0.338 *25*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1218.7 *1*	1.10 *11*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1218.7 *5*	0.038 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1218.77 *4*	0.0562 *22*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1218.77 *4*	1.09 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1218.8 *4*	0.54 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1218.89 *19*	0.087 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1218.9 *4*	0.38 *6*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1218.96 *9*	0.0062 *11*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1136.56(0.0046)
1219.0 *4*	0.0028 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1219.0 *5*	0.52 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 1219.01 *9*	0.050 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1219.08 *15*	1.6 *4*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1219.14 *18*	0.0039 *5*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1219.2 *3*	0.0022 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1219.2 *3*	2.6 *4*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1219.2 *5*	0.43 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1219.2 *3*	1.08 *10*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 1219.2 *3*	0.035 *2*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1219.21 *7*	4.1 *3*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1219.21 *12*	1.67 *17*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1219.23 *22*	†6.2 *9*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1219.30 *20*	0.202 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1219.3 *4*	0.043 *10*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1219.3 *1*	0.0113 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1219.3 *3*	†2.5 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1219.3 *3*	†3.5 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1219.33 *21*	0.19 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1219.4 *4*	0.047 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1219.40 *15*	0.0245 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1219.41 *8*	0.51 *4*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1219.42	1.35 *2*	^{35}Ar(1.775 s)	1763.10(0.312), 2693.5(0.1480), 3002.60(0.0977)
1219.42 *10*	0.223 *24*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1219.5 *24*	†2.1 *4*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1219.5 *7*	0.30 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1219.6 *1*	6.0 *3*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1219.6 *4*	1.66 *18*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
• 1219.61 *4*	0.30 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1219.62 *7*	0.166 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1219.8	0.21 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1219.9 *4*	0.059 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1219.9 *1*	0.25 *4*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1219.98 *6*	10.6 *11*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1220 *1*	†4.6 *6*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
1220.0 *2*	22.5 *12*	^{162}Ho(67.0 m)	185.005(28.6), 282.864(11.3), 937.2(10.8)
1220.0 *3*	0.140 *17*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
• 1220.0 *3*	2.8×10^{-7} *12*	^{242}Cm(162.8 d)	44.08(0.0325), 101.90(0.0025), 157.42(0.0014)
1220.07 *15*	3.5	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1220.1 *4*	0.212 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1220.12 *5*	0.262 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1220.2 *3*	0.164 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1220.2 *3*	0.26 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1220.2 *2*	†0.14 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1220.3 *20*	0.016 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1220.35 *9*	0.220 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1220.37 *10*	†9.0×10^2 *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1220.38 *15*	0.040 *5*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1220.4 *3*	0.099 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1220.4 *3*	1.06 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1220.4 *3*	0.60 *9*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1220.4 *2*	0.062 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1220.5 *2*	1.98 *9*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1220.5 *4*	0.54 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 1220.50 *11*	0.019 *5*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
1220.5 *8*	0.0028 *2*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
• 1220.52 *24*	0.0011 *3*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1220.63 *14*	0.68 *9*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1220.64 *12*	0.00077 *5*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1220.7 *4*	0.038 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1220.7 *4*	0.20 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1220.82 *25*	0.32 *6*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1220.83 *17*	3.0 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
• 1220.88 *10*	0.268 *10*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1220.9 *3*	0.15 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1220.9 *2*	>0.035	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1220.90 *18*	0.00017 *5*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1221.09 *25*	1.1 *5*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1221.1 *8*	†4 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
1221.1 *5*	†2.2 *7*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1221.16 *10*	0.030 *4*	^{199}Tl(7.42 h)	455.46(12.4), 208.20597(12.3), 247.26(9.3)
1221.18 *36*	0.030 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1221.2 *3*	0.24 *6*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1221.2 *8*	0.28 *10*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1221.2 *3*	0.57 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1221.2 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1221.2	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1221.2 *3*	0.11 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1221.23 *3*	2.93 *18*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1221.24 *5*	60 *3*	^{130}In(0.32 s)	1905.17(74), 129.80(61), 774.37(50)
1221.24 *5*	89 *5*	^{130}In(0.55 s)	774.37(46), 89.23(20.2), 2377.14(15.8)
1221.289 *7*	0.094 *14*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1221.289 *7*	0.0199 *16*	^{184}Re(169 d)	252.848(10.7), 216.548(9.43), 920.932(8.14)
1221.35 *10*	3.20 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1221.37 *4*	0.137 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1221.4 *3*	0.0009 *5*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
• 1221.4066 *5*	26.98 *10*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1189.0503(16.23)
1221.4066 *5*	24.8 *10*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1189.0503(15.0)
• 1221.4066 *5*	17.4 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1221.5 *2*	0.00151 *23*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1221.5 *4*	0.79 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1221.52 *6*	0.060 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1221.6 *2*	†6.37 *24*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1221.7 *2*	2.5 *4*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1221.70 *14*	0.47 *11*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1221.7 *3*	0.019 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1221.75 *10*	0.233 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1221.8 *3*	†2.1 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1221.8 *10*	0.110 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1221.88 *7*	0.44 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1222.00 *3*	0.009 *4*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
• 1222.00 *3*	0.00835 *19*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1222.00 *20*	0.0184 *24*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1222.0 *2*	0.21 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1222		^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1222.0 *3*	†2.5 *3*	^{129}In(1.23 s)	315.3(†28), 906.7(†1.6), 1288.5(†1.00)
1222.1 *5*	0.38	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1222.1 *3*	†0.62 *21*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
1222.2	0.85 *25*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
• 1222.25 *30*	0.641 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1222.36 *7*	31.00 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 88.9667(17.7)
1222.36 *23*	0.31 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1222.37 *30*	0.059 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1222.49	0.48 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1222.5 *2*	†1.3 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1222.5 *5*	0.09 *6*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1222.5 *5*	0.17 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1222.53 *3*	0.591 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1222.56 *3*	0.179 *8*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1222.6 *4*	†50 *9*	^{136}I(46.9 s)	1686.1(†100), 1689.0(†85), 240.5(†74)
1222.7 *4*	0.070 *16*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1222.70 *3*	27	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1222.8 *5*	0.117 *13*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1222.88 *12*	8.1 *7*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1222.88 *12*	7.0 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1222.9 *5*	0.33 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1222.9 *5*	0.50 *17*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1222.9 *8*	0.025 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1222.95 *10*	2.0	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1223.0 *2*	80	^{98}Y(2.0 s)	620.505(63), 647.58(53), 1801.5(40)
1223.0 *2*	36.0 *18*	^{98}Y(0.548 s)	2941.3(16.7), 1590.9(14.7), 4450.2(8.9)
1223.0 *4*	>1.7×10^{-6}	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1223.0 *4*	0.34 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1223.0 *6*	0.0133 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1223.0 *2*	0.018 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1223.0 *2*	0.007 *1*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1223.02 *9*	0.0224 *22*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
• 1223.07 *8*	0.11 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1223.17 *6*	†131 *10*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1223.2 *15*		^{199}Pb(12.2 m)	366.90(7), 382.8, 2751.9
1223.21 *25*	0.45	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1223.26 *5*	4.74 *24*	^{141}Pm(20.90 m)	886.22(2.44), 193.68(1.61), 1345.52(1.33)
1223.28 *6*	2.83 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1223.28 *6*	0.198 *16*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
1223.3 *10*	0.17 *4*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1223.36 *18*	4.6 *4*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1223.4 *7*	3.1 *3*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
1223.4 *3*	1.55 *15*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1223.5 *3*	1.0 *3*	^{102}Zr(2.9 s)	599.60(13.9), 535.30(10.6), 64.50(8.9)
1223.5 *5*	0.7	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1223.57 *19*	2.43 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1223.7 *4*	†6	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1223.8 *3*	0.72 *7*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
• 1223.8033 *6*	0.23 *8*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1223.8033 *6*	0.022 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1223.8033 *6*	0.26 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1223.92 *4*	0.00279 *18*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1223.92 *4*	0.32 *3*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
• 1224.00 *4*	0.0629 *25*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1224	>0.044	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1224 *1*	0.006 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1224.0 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1224.0 *15*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1224.01 *20*	0.24	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1224.1 *7*	†>0.14	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1224.152 *24*	2.08 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1224.2 *7*	†0.21 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1224.20 *20*	0.18 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1224.20 *20*	0.89 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1224.2 *5*	0.09 *3*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1224.2 *10*	1.56 *23*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1224.3 *5*	0.28 *10*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1224.45 *15*	0.036 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1224.50 *20*	0.77 *10*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1224.50 *20*	0.129 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1224.5	0.15	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1224.6 *4*	0.07 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1224.6 *5*	0.47 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1224.8 *2*	0.60 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1224.9	0.44 *6*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1224.9 *4*	0.12 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1224.93 *20*	0.00055 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1224.93 *7*	6	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 201.83(6)
1225.0 *2*	0.111 *13*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1225.1 *4*	>0.6	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1225.2 *5*	0.0056 *23*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1225.3 *5*	†2.4 *3*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1225.30 *20*	0.222 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1225.3 *3*	†0.35 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 1225.39 *11*	0.0134 *14*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1225.4 *3*	0.071 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1225.4 *4*	†3.2 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1225.479 *14*	10.7 *6*	^{200}Au(48.4 m)	367.943(19), 1262.950(3.12), 1570.270(0.41)
• 1225.479 *14*	3.36 *20*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1225.5 *2*	†4 *1*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1225.5 *3*	0.067 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1225.58 *15*	0.091 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1225.6 *3*	0.09 *3*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1225.6 *3*	0.043 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1225.6 *4*	2.5 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1225.6 *10*	<1.2	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1225.62 *3*	1.18 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1225.65 *10*	0.358 *14*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1225.67 *11*	0.0016 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1225.7 *1*	1.35 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1225.7 *3*	†1.2×10^4 *3*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
1225.7 *5*	0.015 *8*	^{141}Eu(2.7 s)	394.0(0.60), 882.9(0.54), 518.8(0.45)
1225.8 *1*	0.083 *9*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1225.8 *2*	2.9 *4*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1225.8 *2*	3.1 *4*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1225.8 *5*	0.25 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1225.8 *2*	0.8 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1225.90 *8*	1.36 *11*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1225.9 *1*	0.80 *6*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1225.95 *19*	1.30 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1226.0 *10*	†1.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1226.03 *3*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1226.03 *3*		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
1226.03 *3*	†100 *10*	^{131}Sn(56.0 s)	450.03(†90), 798.50(†86), 304.33(†32.0)
1226.08 *4*	2.02 *10*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1226.1 *3*	1.20 *12*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1226.1 *3*	0.29 *9*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1226.1	0.16	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1226.11 *4*	0.036 *9*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1226.2 *5*	>0.09	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1226.25 *19*	0.99 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1226.3 *7*	†13.4 *13*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1226.4 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1226.4 *3*	0.045 *8*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1226.43 *11*	0.84 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1226.50 *6*	0.019 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1226.5 *5*	0.151 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1226.6 *9*	0.0032 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1226.6 *2*	0.013 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1226.6	†4.1	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1226.6 *10*	†1.30 *15*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1226.7 *5*	0.7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1226.7 *4*	1.34 *14*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1226.7 *6*	3.1 *4*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1226.7 *1*	0.96 *5*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1226.75 *4*	0.45 *15*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1226.8 *2*	0.64 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1226.8 *2*	0.071 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1226.8 *6*	0.026 *9*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1226.89 *24*	0.000132 *7*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 1061.61(0.000762)
1226.89 *24*	0.37 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1226.9 *1*	0.0312 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1227 *1*	1.0	^{87}Zr(1.68 h)	1209.8(0.33), 1024(0.28), 793.60(0.10)
1227.0 *10*	0.6 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1227.01 *7*	†18.9 *11*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1227.3 *4*	1.1 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1227.31 *14*	1.21 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1227.4 *4*	0.33 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1227.49 *22*	0.122 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1227.50 *5*	2.46 *24*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1227.5 *8*	0.17 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1227.6 *4*	>1.1	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1227.66	0.0024 *11*	^{42}K(12.360 h)	1524.70(18), 312.6(0.336), 899.43(0.0515)
1227.66	99.0 *4*	^{42}Sc(61.7 s)	436.92(100), 1524.70(99.70), 328.24(1.0)
1227.7 *4*	0.112 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1227.74 *10*	0.024 *3*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
• 1227.8 *5*	>0.010	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1227.85 *10*	7.8 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1228.0 *4*	0.40 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1228	0.15	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1228 *3*	0.27 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1228.1 *3*	0.67 *11*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1228.1 *6*	0.7 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1228.2 *3*	0.48 *6*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1228.2 *2*	†10 *1*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1228.2 *3*	0.121 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1228.2 *4*	0.121 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1228.25 *17*	0.11 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1228.25 *17*	0.0136 *14*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1228.3 *2*	6.4 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1228.3 *4*	0.063 *22*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1228.3 *4*	0.11 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1228.3 *5*	0.22	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1228.33 *7*	1.4 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1228.46 *13*	0.122 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1228.5 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1228.51 *5*	0.046 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
• 1228.60 *4*	1.22 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1228.60 *4*	2.09 *9*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1228.6 *3*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1228.7 *3*	6.4 *3*	^{46}K(105 s)	1346.0(100), 1675(3.5), 3020(2.2)
1228.7 *2*	0.71 *5*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1228.7 *7*	1.07 *17*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1228.72 *14*	0.00108 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1228.74 *6*	0.244 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1228.8 *3*	0.145 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1228.8 *5*	0.078 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1228.8 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1228.9 *4*	0.059 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1228.9 *3*	0.197 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1228.9 *3*	0.24 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1228.95 *30*	1.2 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1228.99 *8*	1.53 *15*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1229.0 *19*	0.31 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
• 1229.080 *15*	0.0008 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1229.1 *1*	3.36 *19*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1229.11 *7*	0.61 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1229.18 *3*	3.12 *23*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1229.2 *6*	†2.5 *10*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1229.23 *6*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1229.23 *6*		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
1229.23 *6*	†30.0 *35*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1229.29 *9*	0.035 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1229.3 *8*	0.023 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1229.31 *5*	1.7 *1*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1229.4	†65	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 920.5(†100)
1229.40 *15*	0.0077 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1229.41 *11*	†1.79 *13*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1229.42 *20*	0.59 *10*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1229.50 *20*	0.0057 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1229.5 *1*	0.18 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1229.53 *24*	0.091 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1229.6 *2*	†2.6 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1229.6 *3*	0.22 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
• 1229.6 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1229.65 *13*	0.34 *8*	^{196}Ir(52 s)	355.684(19), 779.630(10.4), 446.613(4.5)
1229.68 *3*	96 *3*	^{118}In(4.45 m)	1050.69(81.0), 683.08(54.3), 445.99(5.53)
1229.68 *3*	5.0	^{118}In(5.0 s)	528.83(0.7), 1173.59(0.43), 813.22(0.19)
1229.68 *3*	1.4	^{118}In(8.5 s)	1050.69(1.37), 253.68(1.30), 41.0(0.25)
1229.68 *3*	2.5	^{118}Sb(3.6 m)	1267.23(0.511), 528.83(0.472), 827.30(0.395)
1229.68 *3*	100	^{118}Sb(5.00 h)	253.68(99), 1050.69(97), 41.0(30.0)
1229.7 *3*	0.40 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1229.8 *3*	2.2 *3*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1229.8 *4*	0.26 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1229.8 *7*	†>0.14	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1229.8 *2*	†4.1 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1229.9 *4*	0.67 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1229.95 *12*	0.336 *20*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1230.0 *1*	0.174 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1230	†0.46 *17*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1230.0 *3*	0.40 *7*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1230.0 *7*	0.029 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1230.06 *9*	0.0040 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1230.1 *1*	†1.10 *13*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1230.10 *4*	0.00131 *14*	^{187}W(23.72 h)	685.774(27.3), 479.531(21.8), 72.001(11.14)
1230.11 *10*	0.00051 *22*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
1230.16 *3*	1.42 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1230.18 *5*	†1.17 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1230.19 *5*	0.0214 *7*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1230.2 *2*	0.084 *8*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
• 1230.20 *30*	0.112 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1230.3 *2*	0.81 *16*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1230.4	0.26	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1230.4 *1*	1.20	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1230.4 *8*	0.37 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1230.41 *11*	0.084 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1230.5 *2*	0.00092 *23*	^{77}Br(57.036 h)	238.996(23), 520.639(22.4), 297.215(4.16)
1230.5 *10*	0.021	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1230.6	0.13	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1230.6 *2*	0.137 *10*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1230.64 *15*	0.29 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1230.66 *10*	7.2 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
• 1230.68 *6*	7.98 *3*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1153.67(6.79)
• 1230.68 *6*	0.831 *9*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1230.72 *6*	0.074 *11*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1230.8 *3*	0.381 *22*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1230.8 *5*	0.43 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1230.8 *5*	0.31 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1230.83 *4*	1.454 *19*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1230.83 *4*	0.071 *7*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1230.9 *5*	9 *5*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1230.92 *4*	0.00074 *17*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1231.0 *4*	0.73 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1231.00 *20*	1.5 *3*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1231.0 *5*	>0.13	^{108}Sn(10.30 m)	396.44(64.3), 272.75(45.5), 669.08(22.6)
• 1231.0 *2*	0.00035 *10*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
1231.0 *15*	0.10 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1231.01 *20*	2.15 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 1231.0157 *5*	11.440 *24*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1231.0157 *5*	1.31 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1231.0157 *5*	14.9 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
• 1231.02	0.018	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1231.06 *9*	0.040 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1231.1 *1*	0.90 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1231.1 *3*	0.052 *22*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1231.10 *92*	0.16 *6*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1231.15 *7*	4.01 *19*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1231.2	†14.0	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1231.3 *3*	0.16 *4*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1231.3 *5*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1231.3 *3*	0.042 *8*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1231.5 *3*	0.38 *18*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1231.5 *3*	0.19	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1231.5 *2*	0.70 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1231.6 *2*	0.099 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1231.60 *7*	†5.29 *23*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
• 1231.692 *15*	0.0689 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1231.7 *3*	0.40 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1231.7 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1231.8 *3*	0.67 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1231.86 *11*	0.0288 *25*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1231.9 *5*	0.152 *15*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1231.98 *20*	0.15	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1232.0 *5*	0.020 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1232	0.008 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1232.1 *7*	0.0016 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1232.1 *5*	0.059 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1232.2 *12*	2.9 *8*	^{32}Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
1232.20 *20*	0.98 *18*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1232.3 *2*	0.28 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1232.3 *4*	1.3 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1232.34 *12*	0.045 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1232.40 *19*	0.0250 *12*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1232.4 *5*	0.30 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
1232.4 *3*	0.53 *10*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1232.44	0.511 *15*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1232.44 *7*	1.33 *3*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1232.5 *6*	0.05 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1232.55 *19*	0.33 *3*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1232.6 *4*	0.00048 *10*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1232.6 *1*	0.098 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1232.6 *4*	†167 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1232.6 *3*	0.21 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1232.7 *3*	0.23 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1232.80 *6*	0.028 *4*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1232.80 *5*	0.40 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1232.82 *5*	0.0075 *3*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1232.84 *13*	0.066 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1232.9 *1*	0.55 *7*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1232.92	0.052 *15*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1232.96 *13*	0.200 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1232.98 *3*	0.096 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1232.99 *16*	†4.8 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1233.0 *10*	4.0	^{149}Er(4 s)	1748.4(71), 1577.9(20), 171.5(14)
1233.0 *4*	0.18 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1233 *1*	†3.5 *7*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1233.10 *20*	0.32 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1233.1 *6*	1.90 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1233.1 *3*	†7.0 *9*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1233.1 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1233.17 *13*	3.2 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1233.2 *7*	0.018 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1233.21 *8*	4.18 *15*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1233.3 *6*	0.063 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1233.3 *10*	0.058 *17*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1233.3 *8*	0.13 *6*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1233.4 *5*	0.58 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1233.41 *7*	3.2 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1233.5 *4*	0.12 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1233.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1233.59 *21*	0.209 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1233.6 *5*	†12 *5*	^{71}Cu(19.5 s)	489.7(†100), 595.2(†30.5), 586.5(†30.2)
1233.60 *20*	0.041 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1233.6 *1*	†1.2 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1233.64 *11*	0.50 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1233.7 *5*	0.0025 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 1233.7 *8*	0.007 *4*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1233.7 *2*	0.13 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1233.76 *3*	0.049 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1233.8 *2*	2.3 *5*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1233.8 *1*	0.039 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1233.8 *7*		^{152}Pm(13.8 m)	229.9, 200.6, 63.51
1233.9 *6*	†14 *3*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
1233.9 *6*	†14 *3*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1233.9 *1*	1.68 *9*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1233.92 *8*	†15	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1234.0 *4*	0.029 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1234.0 *3*	†12 *2*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
1234.0 *2*	0.34 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1234.0 *10*	0.22 *18*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1234.0 *6*	0.30 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1234.1 *1*	2.42 *14*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1234.1 *4*	8.8 *18*	^{108}Rh(6.0 m)	433.937(88), 581.1(60), 947.27(49)
1234.1 *5*	0.015 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1234.1 *1*	†0.65 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1234.12 *4*	0.026 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1234.2 *7*	0.11 *4*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1234.2 *5*	2.4 *6*	^{77}Sr(9.0 s)	146.94(86.1), 160.10(9.2), 144.82(6.8)
1234.2 *3*	0.45 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 1234.2 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1234.2 *1*	2.87 *20*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1234.2 *3*	0.86 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1234.26 *13*	0.0057 *9*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1234.26 *15*	0.065 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1234.3 *6*	0.038 *6*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1234.3 *5*	0.056 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1234.30 *20*	1.8 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1234.3 *4*	0.0013 *3*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1234.4 *3*	2.0 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1234.4 *3*	0.18 *4*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1234.4 *20*	0.041 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1234.4 *3*	0.105 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1234.4 *3*	2.5 *5*	^{163}Gd(68 s)	287.79(25), 214.0(11.5), 1562.1(9.0)
1234.5	0.21	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1234.5 *2*	0.51 *8*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
• 1234.50 *30*	0.0224 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1234.55 *11*	0.0280 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1234.59 *3*	11.0 *3*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1234.6 *5*	0.42 *7*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1234.63 *7*	0.158 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1234.64 *21*	†0.86 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1234.7 *2*	0.066 *11*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1234.7 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1234.7 *7*	1.75 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1234.8 *5*	0.12 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1234.8 *2*	†0.86 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1234.9 *3*	1.5 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1234.9 *15*	0.19 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1234.9 *1*	1.09 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
• 1235 *1*	0.006 *5*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1235 *1*	0.005 *3*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1235 *1*	†4.0 *20*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1235.07 *10*	8.3 *4*	^{127}Cd(0.43 s)	376.28(7.5), 523.60(5.15), 1067.0(5.1)
1235.1 *3*	0.365 *19*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1235.2 *8*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1235.30 *20*	13.7 *20*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1235.3 *3*	0.126 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1235.35 *25*	0.080 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
• 1235.362 *23*	†20.1 *7*	^{136}Cs(13.16 d)	818.514(†100), 1048.073(†80), 340.547(†42.3)
1235.4 *1*	0.0071 *14*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1235.433 *16*	1.85 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1235.5 *6*	0.039 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1235.5 *3*	0.133 *22*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1235.5		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1235.5 *10*	0.093 *17*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
1235.50 *15*	4.5 *5*	^{190}Pb(1.2 m)	942.20(34), 151.19(8.92), 598.3(8.0)
1235.59 *4*	0.00017 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1235.6 *6*	0.264 *10*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1235.6	0.60 *9*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1235.62 *10*	0.60 *5*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1235.67 *15*		^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1235.7 *1*	1.15 *7*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1235.7 *8*	0.14 *5*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1235.7 *4*	0.40 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1235.74 *13*	0.016 *2*	^{19}O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
1235.74 *6*	4.8 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1235.8 *3*	0.052 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1235.90 *10*	0.228 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1235.95 *10*	2.5 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1235.98 *5*	2.11 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1236.0 *4*	†3.0 *5*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
1236.0	0.193 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1236.08 *10*	0.59 *9*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1236.1 *4*	†4.6 *12*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1236.189	0.060 *3*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
1236.2 *10*	0.25 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1236.2 *4*	0.0034 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1236.2 *4*	†2.3 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1236.3 *4*	0.26 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1236.3 *4*	†4.1 *10*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
• 1236.374 *16*	0.408 *9*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1236.4 *4*	†1.7 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1236.441 *12*	1.51 *4*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1236.46 *25*	0.25 *6*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1236.46 *25*	0.8 *2*	^{128}In(0.72 s)	831.54(100), 1168.80(100), 120.54(11.1)
1236.5 *3*	0.035 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1236.5 *1*	0.0107 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1236.5 *1*	0.099 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1236.52 *18*	0.58 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1633.72(0.352)
1236.60 *20*	0.13 *3*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1236.6 *3*	0.19 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1236.6 *3*	1.18 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1236.62 *18*	0.44 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1236.67 *20*	0.066	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1236.7 *5*	0.056 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1236.8 *7*	0.17 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1236.8 *5*	0.16 *5*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1236.8 *9*	0.017 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1236.9 *2*	0.055 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1236.9 *3*	†0.79 *8*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1236.9 *3*	0.22 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1236.95 *6*	†3.09 *22*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1237.0	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1237.0 *3*	0.249 *22*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1237.07 *20*	0.0118 *13*	^{45}Ti(184.8 m)	720.22(0.154), 1408.6(0.085), 1662.4(0.041)
1237.1 *3*	1.25 *10*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1237.1 *4*	0.098 *15*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1237.1 *3*	0.31 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1237.1 *4*	0.031 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1237.2 *1*	0.066 *6*	^{104}Rh(42.3 s)	555.796(2.0), 767.72(0.011), 1238.0(0.010)
1237.2 *1*	0.0042 *4*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 758.76(0.00094)
1237.2 *2*	0.0072 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1237.22 *4*	>0.009	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1237.22 *4*	†5.29×10^3 *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1237.22 *4*	2.30 *9*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)

• $t_{1/2}$>1 d

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1237.3 *6*	0.18 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1237.32 *5*	0.86 *4*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1237.34 *17*	0.29 *15*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1237.4 *1*	0.029 *7*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1237.4 *4*	0.12 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1237.4 *15*	0.26 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1237.5 *8*	0.16 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1237.7 *3*	†9.6 *8*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
1237.7 *6*	0.088 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1237.72 *15*	0.210 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1237.8 *2*	0.0127 *13*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1237.8 *4*	2.03 *11*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1237.8 *5*	0.18 *9*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1237.8 *6*	0.59 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1237.91 *11*	0.95 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1238.0 *1*	0.010	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 767.72(0.011)
1238.0 *1*	0.0006	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1238.0 *1*	3.87 *23*	^{104}Ag(33.5 m)	555.796(91), 2276.7(2.46), 1781.8(2.1)
1238.0 *2*	0.14 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1238.0	0.9	^{145}La(24.8 s)	70.0(11), 355.8(3.8), 118.2(3.6)
1238.0 *2*	0.023 *3*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1238.01 *18*	0.00072 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1238.1 *1*	0.24 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1238.110 *12*	5.86 *8*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1238.2 *4*	0.40 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1238.2 *4*	†0.67 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1238.282 *7*	0.099 *10*	^{56}Mn(2.5785 h)	846.771(98.9), 1810.772(27.2), 2113.123(14.3)
• 1238.282 *7*	67.6 *4*	^{56}Co(77.27 d)	846.771(100), 2598.459(17.28), 1771.351(15.69)
1238.29 *49*	†7 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1238.30 *8*	1.48 *9*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1238.30 *8*	†5×10^{02}	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
1238.3 *3*	†0.16 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1238.35 *8*	0.055 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1238.40 *56*	0.11 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1238.41 *8*	1.44 *16*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1238.5 *5*	0.12 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1238.5	0.029 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1238.6 *9*	†100 *11*	^{59}Cr(0.74 s)	112.1(†8)
1238.6 *4*	0.53 *4*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1238.67 *18*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1238.7 *6*	0.067 *20*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1238.7 *2*	†6.5 *9*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1238.7 *5*	0.0038 *14*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
• 1238.73 *8*	0.057 *7*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1238.76 *6*	1.11 *6*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1238.76 *7*	1.18 *7*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1238.80 *20*	0.0019 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1238.8 *4*	0.104 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1238.8 *3*	4.6 *3*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1238.9 *3*	1.7 *3*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1238.9 *3*	1.8 *3*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1238.9 *6*	0.36 *13*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1239. *1*	0.22 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1239.0 *5*	1.8 *3*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1239.0 *3*	0.21 *6*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1239.0 *5*	0.120 *14*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1239.1 *7*	†>0.045	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1239.1 *2*	0.049 *10*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1239.12 *10*	2.12 *8*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1239.15 *25*	0.12 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1239.16 *19*	0.46 *5*	^{209}Tl(2.20 m)	1567.09(99.8), 465.130(96.9), 117.211(84.3)
• 1239.2 *10*	0.008 *4*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1239.20 *20*	0.573 *25*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1239.2 *3*	0.18 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1239.2 *4*	0.35 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1239.4 *8*	0.016 *5*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1239.4	0.8	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1239.5 *2*	†0.3 *1*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1239.5 *3*	0.30 *13*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1239.5 *3*	0.0018 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1239.56 *9*	0.296 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1239.6 *2*	0.18 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1239.6 *4*	0.025 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1239.60 *6*	0.121 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1239.63 *5*	9.7 *5*	^{132}Sn(39.7 s)	340.53(49), 85.58(48.2), 899.04(44.8)
1239.7 *7*	†0.15 *3*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1239.7 *2*	†133 *29*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1239.7 *3*	0.52 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1239.75 *6*	0.0121 *16*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1239.80 *20*	0.20 *4*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1239.86 *20*	0.0081 *19*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1239.86 *12*	0.11	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1239.9 *5*	0.39 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1239.90 *20*	0.14 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1239.9 *3*	0.21 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1239.9 *6*	0.60 *13*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1239.9 *5*	0.2	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1239.9 *4*	0.25 *3*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1239.98 *5*	0.286 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1240.0 *10*	0.11 *4*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1240.0 *2*	0.173 *11*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1240.0 *4*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1240.0 *15*	†2	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1240.05 *25*	1.35 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1240.12 *14*	0.34 *4*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1240.13 *3*	5.9 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1240.27 *12*	0.138 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1240.30 *2*	0.214 *4*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
1240.3 *7*	0.81 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1240.3 *10*	0.13 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1240.34 *11*	0.351 *23*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1240.40 *14*	0.08 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1240.47 *3*	0.91 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1240.48 *3*	8.1 *5*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1240.49 *10*	1.77 *8*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1240.5 *2*	0.15 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1240.50 *20*	0.084 *17*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1240.5 *7*	0.12 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1240.53 *8*	0.020 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1240.6 *1*		^{125}La(76 s)	67.6(34), 43.6(3.5), 985.2
1240.6 *5*	2.2 *4*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1240.6 *3*	0.074 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1240.65 *30*	0.0166 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1240.7 *3*	1.37 *18*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1240.7 *3*	>0.24	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1240.8 *5*	†0.81 *17*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1240.82 *16*	†4.7 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1240.82 *16*	†<4.7	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1240.83 *6*	0.032 *3*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1240.88 *25*	0.131 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1240.9 *4*	0.16 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1240.9 *2*	†0.45 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1240.93 *25*	0.017 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 1241.0 *5*		^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1241.04 *15*	0.0023 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1241.11 *12*	0.75 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 1241.17 *10*	0.625 *6*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
1241.2 *2*	3.47 *17*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 121.6211(3.42)
1241.2 *1*	0.227 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1241.299 *14*	0.134 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1241.299 *14*	0.27 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1241.299 *14*	2.8 *3*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1241.30 *20*	2.2	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1241.30 *20*	0.23	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1241.36 *18*	1.12 *14*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1241.4 *4*	†2.3 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1241.4 *3*	†0.7 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1241.4 *7*	1.44 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1241.482 *20*	0.810 *18*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1241.5 *4*	0.088 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1241.65 *25*	3.1 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1241.66 *19*	0.19 *3*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1241.7 *12*	0.05 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1241.8 *3*	1.06 *20*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1241.8	0.029 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1241.847 *6*	1.72 *9*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
• 1241.847 *6*	5.14 *10*	^{174}Lu(3.31 y)	76.471(5.9), 1318.296(0.035), 1065.04(0.0164)
• 1241.95 *20*	0.0493 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1241.97 *16*	0.37 *15*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1242.0 *4*	0.31 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1242.0 *4*	0.11 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1242.0 *4*	0.45 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1242.0 *4*	0.24	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1242.0 *4*	0.00038 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1242.0 *1*	0.017 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1242.06 *5*	0.201 *14*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1242.1 *1*	0.28 *14*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1242.1 *1*	1.29 *9*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1242.1 *1*	0.63 *12*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1242.1 *3*	†3.7 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1242.1 *3*	0.25 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1242.18 *3*	0.398 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1242.2 *5*	0.038 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1242.2 *6*	0.12 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1242.2 *3*	0.0066 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1242.2 *5*	0.30 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1242.24 *32*	0.33 *8*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1242.3 *10*		^{77}Ga(13.2 s)	469.4(†100), 458.6(†48), 2187.3
1242.3 *10*	0.09 *3*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1242.34 *7*	4.6 *3*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
• 1242.47 *6*	6.601 *23*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1242.47 *6*	0.225 *7*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1242.5 *8*	0.23 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1242.59 *5*	†31.9 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1242.6 *18*	4.2 *16*	^{33}Na(8.2 ms)	546.5(6.4), 704.3(3.7), 484.9(2.2)
1242.6 *7*	>0.009	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1242.6 *4*	0.105 *19*	^{152}Tb(4.2 m)	344.281(20.8), 411.115(18.8), 471.9(12.2)
1242.61 *20*	0.082 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1242.62 *7*	0.78 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1242.63 *4*	0.0882 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1242.7 *3*	0.49 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1242.7 *1*	0.47 *9*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1242.8 *8*	0.11 *4*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1242.8 *4*	0.0051 *5*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1242.84 *4*	3.04 *17*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
• 1242.87 *15*	0.072 *3*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1242.88 *8*	0.650 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1242.9 *3*	0.160 *23*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1242.9 *2*	0.068 *14*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1242.95 *70*	0.018	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1242.95 *7*	0.46 *2*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1243.0 *4*	0.035 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1243 *1*	0.11 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1243.0 *3*	0.098 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1243.1	0.0042	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1243.1 *2*	1.41 *13*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1243.1 *6*	0.56 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1243.2 *4*	0.07 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1243.25 *10*	0.49 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1243.3 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1243.3 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1243.3 *4*	0.091 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1243.3 *2*	0.64 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1243.3 *3*	†3.0 *6*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1243.41 *8*	0.79 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1243.5 *5*	0.0025 *6*	^{47}V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
• 1243.56 *8*	0.0017 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1243.6 *3*	0.04 *3*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1243.6 *3*	13.4 *8*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 827.1(9.4)
1243.72 *16*	0.021 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1243.8 *3*	0.076 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1243.8 *3*	0.043 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1243.8 *4*	0.078 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1243.8 *7*	0.39 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1243.84 *21*	0.0022 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1243.9	0.28	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1243.9 *2*	0.075 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1243.9 *2*	0.155 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1243.9 *1*	3.50 *8*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1347.7(1.57)
1244.0 *3*	0.044 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1244.0 *10*	0.24 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1244.0 *3*	0.32 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1244.1 *2*	8.1 *4*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
1244.1 *2*	0.17 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1244.1 *9*	†0.34 *7*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1244.2 *8*	0.061 *8*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1244.2 *3*	0.105 *14*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1244.2 *1*	†0.50 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1244.24 *12*	0.075 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1244.42 *7*	0.00131 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1244.42 *7*	0.34 *3*	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1244.45 *7*	0.58 *4*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1244.5 *4*	0.10 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1244.5 *2*	0.70 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1244.6 *2*	3.2 *5*	^{84}As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
1244.6 *2*	0.64 *11*	^{85}As(2.028 s)	1455.1(16), 667.1(6.8), 577.5(0.96)
1244.6 *3*	1.4 *3*	^{102}Zr(2.9 s)	599.60(13.9), 535.30(10.6), 64.50(8.9)
1244.6 *3*	0.29 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1244.6 *3*	0.34 *8*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1244.74	0.83 *3*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1244.8 *3*	0.123 *24*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1244.8 *10*	0.18 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1244.84 *7*	0.62 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1244.9 *2*	0.27 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1245.0 *6*	0.7 *4*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
1245 *1*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1245.0 *3*	0.22 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1245.05 *20*	0.098 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1245.1 *10*	0.47 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1245.1 *2*	0.21 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1245.1	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1245.1 *3*	0.031 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1245.1 *4*	0.025 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1245.1 *3*	0.082 *6*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
1245.2 *3*	0.68 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1245.2 *4*	†2.6 *5*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1245.22 *4*		^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1245.22 *4*	0.363 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1245.26 *3*	0.48 *5*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
• 1245.3 *3*	0.064 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1245.4 *7*	0.49 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1245.4 *5*	0.9 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1245.4 *3*	0.29 *5*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1245.46 *5*	0.60 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1245.47 *4*	2.79 *17*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1245.54 *8*	0.64 *6*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1245.6 *2*	0.037 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1245.6 *2*	†100 *5*	^{151}Yb(1.6 s)	1050.2(†100), 624.8(†100), 1332.2(†100)
1245.6 *4*	0.141 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1245.6 *4*	0.0061 *6*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1245.7 *5*	0.29 *6*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1245.9 *2*	†0.33 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1245.92 *19*	2.3 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1246.0 *9*	98 *11*	^{66}Co(0.23 s)	1424.8(100), 471.3(23), 1020
1246 *1*	0.0033 *17*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
• 1246.150 *9*	0.869 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1246.150 *9*	0.27 *6*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1246.2 *3*	0.22 *4*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1246.2 *5*	0.361 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1246.278 *15*	†4.23 *4*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
• 1246.41 *6*	0.00202 *10*	^{149}Gd(9.28 d)	149.735(48.2), 298.634(28.6), 346.651(23.9)
• 1246.46 *10*	0.084 *8*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1246.48 *16*	0.31 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1246.5 *3*	0.026 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1246.5 *5*	0.5	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1246.6 *4*	0.19 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1246.6 *2*	1.22 *22*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1246.6 *10*	0.40 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1246.7 *8*	0.19 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1246.7 *3*	0.19 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1246.8 *4*	0.30 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1246.8 *3*	0.50 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1246.81 *4*	0.350 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1246.84 *10*	2.27 *12*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1246.9 *5*	1.6 *5*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1246.9 *2*		^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
• 1246.968 *24*	1.91 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
• 1247.0 *1*	0.00074 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1247.0 *8*	1.9 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1247.0 *2*	0.142 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1247.08 *5*	0.50 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1247.08 *5*	0.94 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1247.1 *5*	0.56 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1247.1 *5*	0.47	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1247.1 *3*	†2.8 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1247.1 *15*	0.11 *4*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1247.2 *4*	0.62 *10*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1247.2 *4*	0.05 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1247.2	1.4	^{148}Dy(3.1 m)	620.24(96), 178.3(0.5), 950.8(0.39)
1247.2 *4*	0.27 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1247.2	0.13	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1247.4 *4*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1247.4 *6*	0.38 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1247.4 *5*	0.032 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1247.44 *3*	0.906 *24*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1247.49 *5*	0.0444 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1247.5 *5*	0.60 *7*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1247.5 *5*	>0.13	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1247.5 *15*	0.50	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1247.6 *3*	†0.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1247.6 *1*	0.56 *6*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1247.6 *3*	0.048 *9*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1247.6 *4*	†1.4 *3*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1247.68 *15*	2.1×10^{-5} *4*	^{176}Lu(3.635 h)	88.34(0.55640), 1159.28(0.00139), 1061.61(0.000762)
1247.68 *15*	0.46 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1247.78 *6*	†3.9 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1247.8 *8*	0.0049 *11*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1247.8 *5*	0.24 *7*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1247.8 *2*	0.022 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1247.88 *9*	†0.38 *4*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1247.89 *4*	1.20 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1247.9 *3*	0.41 *9*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1247.9 *3*	1.28 *17*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
1248 *3*	<5.6	^{14}B(13.8 ms)	6092.4(86), 6726.5(8.6), 613(<3.8)
1248.0 *6*	0.50 *13*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1248.00 *20*	0.16 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1248.19 *4*	42.6 *23*	^{89}Rb(15.15 m)	1031.94(58), 2196.02(13.3), 657.77(10.0)
1248.2 *8*	†0.29 *7*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1248.3 *4*	0.148 *12*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1248.4	1.7	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1248.5 *2*	†5.5 *3*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1248.55 *7*	0.51	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1248.6	0.8	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1248.6 *12*	2.3 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1248.7 *4*	1.32 *10*	^{84}As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
1248.76 *21*	†2.1 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1248.78 *3*	0.222 *5*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1248.8 *3*	†100 *11*	^{32}Ar(98 ms)	
1248.80 *10*	0.56 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1248.8 *2*	17.7 *9*	^{154}Ho(3.10 m)	334.6(94), 412.4(79), 477.1(55)
1248.81 *8*	3.23 *24*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1248.90 *22*	0.19 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1248.9 *6*	†1.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1248.95 *20*	2.1 *5*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1249.0 *4*	0.5 *3*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1249.0 *5*	1.47 *24*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1249.0 *13*	0.60 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1249.1 *2*	0.64 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1249.10 *20*	0.59 *20*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1249.1 *2*	0.51 *23*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1249.1 *3*	0.169 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1249.1 *6*	†8.0 *11*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1249.1 *6*	0.59 *11*	^{160}Tm(74.5 s)	264.1(9), 125.8(6.5), 375.8(2.4)
1249.2 *7*	0.07 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1249.2 *8*	0.23 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1249.3 *4*	0.03 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1249.4 *5*	0.26 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1249.4 *3*	†0.14 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1249.4 *8*	1.5 *6*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1249.41 *22*	0.017 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1249.43 *8*	0.054 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1249.46 *10*	0.19 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1249.46 *10*	6.7 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1249.5 *5*	0.43 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1249.5 *5*	0.42	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1249.5 *10*	0.038 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 1249.65 *17*	0.173 *13*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1249.71 *5*	44000 *4*	^{119}In(18.0 m)	1065.55(†80000), 1163.85(†32000), 1089.9(†15000)
1249.718 *14*	0.0103 *21*	^{199}Pt(30.80 m)	542.993(15), 493.772(5.59), 317.056(4.95)
1249.73 *3*	0.0024 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1249.75 *25*	1.9 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1249.76 *8*	0.226 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1249.77 *12*	0.86 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1249.79 *4*	0.148 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1249.8 *5*	2.4 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1249.9 *2*	0.0043 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1249.9 *3*	0.096 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1249.946 *13*	0.80 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1249.946 *13*	0.184 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1250 *20*	4.0 *13*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1250		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1250.0 *9*	0.23 *6*	^{120}In(3.08 s)	1171.3(19), 2039.8(1.86), 703.8(1.42)
1250.0 *9*	1.7 *9*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
1250.0 *1*	0.064 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1250.01 *6*	4.81 *18*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1250.01 *18*	0.124 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1250.03 *3*	0.084 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1250.1 *3*	0.24 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1250.1 *5*	>0.17	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1250.1 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1250.14 *6*	0.88 *16*	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 1432.22(3.4)
1250.2 *2*	†2.33 *21*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1250.2 *4*	0.28 *6*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1250.21 *4*	0.022 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1250.23 *3*	0.056 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1250.298 *11*	0.056 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1250.3 *5*	0.014 *11*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1250.3 *2*	†1.27 *11*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1250.4 *4*	0.028 *10*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1250.4 *4*	0.38	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1250.4 *4*	0.024	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1250.4 *4*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1250.5 *5*	0.16 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1250.5 *4*	1 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1250.5 *3*	†1.11 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1250.52 *25*	0.31 *6*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1250.6 *22*	>6.0×10^{-5}	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1250.6 *4*	0.0066 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
• 1250.66 *9*	0.041 *7*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1250.67 *4*	1.121 *21*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1250.67 *13*	0.215 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1250.7 *8*	0.047 *20*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1250.7 *7*	†1.2 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1250.8 *5*	0.13 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1251.0 *7*	0.038 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1251 *1*		^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 1251.06 *5*	0.023 *7*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1251.1 *3*	0.25 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1251.10 *4*	4.61 *24*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1251.14 *25*	0.014 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1251.2 *10*	0.033 *13*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1251.2 *2*	0.0187 *16*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1251.24 *3*	0.945 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
• 1251.248 *28*	0.163 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
• 1251.27 *5*	0.1047 *12*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1251.27 *5*	†0.14 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1251.3 *3*	0.34 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1251.3 *2*	†1.2 *3*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1251.4 *5*	5.3 *5*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
1251.4 *2*	0.48 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1251.60 *15*	0.056 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1251.64 *20*	0.026 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1251.68 *15*	0.33 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1251.7 *2*	57 *4*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1107.9(7.8)
1251.7 *3*	0.18 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 1251.74 *25*	0.066 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1251.8 *3*	0.421 *23*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
• 1251.8 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1251.841 *24*	0.077 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1251.89 *15*	0.0194 *24*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1251.9 *2*	1.01 *18*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1251.90 *10*	0.201 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1251.96 *20*	1.85 *23*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1252.0 *1*	1.9 *5*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1252.0 *2*	0.33 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1252.0 *8*	†4.4 *4*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1252	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1252 *1*	†2.6 *5*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1252.02 *11*	0.55 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1252.08 *2*	1.44 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1252.1 *8*	0.17 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1252.18 *10*	4.5 *3*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1252.34 *10*	1.7 *1*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1252.37 *39*	0.10 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1252.4 *3*	0.134 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1252.42 *12*	0.00179 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1252.45 *20*	0.0144 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1252.5 *10*	0.031	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 2112.1(0.021)
1252.5 *5*	0.101 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1252.5 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1252.5 *3*	0.066 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1252.55 *20*	0.18 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1252.6 *4*	0.033 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1252.6 *2*	0.018 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1252.7 *4*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1252.8 *3*	0.179 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1252.82 *10*	0.317 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1252.85 *24*	0.168 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1252.87 *10*	3.1	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1253 *2*	0.08 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1253.0 *2*	0.16 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1253.1 *3*	0.086 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1253.1 *6*	0.019 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1253.11 *10*	1.53 *5*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1253.3 *14*	0.13 *3*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1253.38 *15*	†3.2 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1253.4 *4*	0.008 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1253.4 *1*	0.076 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1253.4 *2*	†1.0 *3*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1253.43 *12*	0.37 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1253.43 *12*	0.218 *14*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 851.10(0.144)
1253.48 *32*	0.06 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1253.6 *5*	0.210 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1253.65 *25*	0.12 *5*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1253.7 *2*	0.199 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1253.7 *4*	0.141 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1253.7 *5*	1.2	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1253.8 *15*	0.40 *7*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1253.8 *7*	0.74 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1253.84 *7*	0.00167 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1253.84 *7*	0.049	^{250}Es(2.22 h)	989.12(13.3), 1031.85(10.6), 828.82(5.5)
1253.96 *4*	0.502 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1254.0 *6*	†0.15 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1254.01 *6*	0.366 *22*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1254.1 *10*	0.040 *19*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
1254.1 *4*	0.059 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1254.1 *4*	1.94 *20*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1254.1 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1254.10 *2*	0.095 *21*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1254.10 *2*	0.93 *7*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1254.11 *15*	0.112 *10*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1254.13 *8*	0.00042 *5*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
• 1254.2 *4*	0.035 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1254.2 *5*	0.019 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1254.2 *3*	0.31 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1254.3 *3*	0.54 *7*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1254.35 *12*	0.0016 *5*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1254.4 *3*	0.097 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1254.4 *3*	0.20 *17*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1254.5 *4*	0.0027 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1254.51 *17*	0.45 *8*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1254.6 *2*	0.339 *14*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1254.69 *16*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1254.7 *2*	0.026 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1310.6(0.0159)
1254.7 *5*	0.26	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1254.72 *7*	1.46 *11*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1254.80 *11*	0.56 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1254.8 *10*	0.006 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1254.91 *2*	0.21 *3*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1254.91 *2*	0.0355 *19*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1255.0 *6*	0.19 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1255.0 *10*	0.101 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1255.06 *26*	0.0014 *6*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1255.1 *5*	0.11 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1255.1 *2*	0.15 *4*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
• 1255.12 *4*	0.0061 *3*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1255.2 *5*	0.20 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1255.2 *5*	0.16 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1255.2	0.17	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1255.3 *4*	1.4 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1255.4 *5*	6.6 *7*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1255.4 *1*	0.033 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1255.4 *6*	†1.51 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1255.4 *1*	0.0278 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1255.4 *2*	0.046 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1255.5 *6*	0.046 *8*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1255.50 *17*	0.281 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1255.53 *22*	2.4 *4*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
1255.6 *3*	0.11	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1255.6 *3*	0.105 *16*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1255.6	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1255.6 *7*	0.67 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1255.64 *16*	1.7 *3*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 1255.64 *24*	0.015 *8*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1255.65 *5*	2.59 *21*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
• 1255.67	0.036	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1255.7	4.5 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
1255.7 *7*	0.18 *5*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1255.73 *12*	0.32 *7*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
• 1255.76 *4*	0.0041 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 1255.930 *8*	0.91 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1256	†0.05 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1256.0 *2*	†100	^{151}Yb(1.6 s)	1050.2(†100), 1245.6(†100), 624.8(†100)
1256.0 *5*	0.43 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1256.0 *8*	>0.025	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1256.0 *10*	†0.63 *25*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1256.0 *3*	†10.3 *19*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1256.0 *7*	0.065 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1256.1 *4*	3.4 *4*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
1256.1 *2*	0.78 *21*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1256.1 *2*	0.82 *23*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1256.1 *3*	1.09 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1256.11 *14*	1.08 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1256.3 *2*	0.074 *7*	^{80}Br(17.68 m)	616.6(7), 639.6(0.261), 703.9(0.19)
1256.3 *2*	0.57 *8*	^{80}Rb(34 s)	616.6(25), 703.9(1.88), 639.6(1.50)
1256.32 *6*	9.9 *6*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1256.5 *10*	0.08	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1256.5	>0.028	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1256.5 *4*	0.12 *6*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1256.5 *1*	0.059 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1256.52 *32*	0.18 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1256.55 *23*	1.4 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1256.6 *5*	0.126 *14*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1256.6 *5*	0.050	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1256.6 *2*	0.064 *5*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1256.64 *10*	15.2 *15*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1358.79(13.4)
1256.7 *5*	5.5 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1256.7 *5*	0.42 *19*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1256.7 *5*	0.0027 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1256.7 *3*	0.009 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1256.73 *14*	0.022 *11*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1256.76 *15*	0.089	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1256.81 *11*	†8.8 *7*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1256.9 *2*	0.18 *8*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
• 1256.901 *19*	0.80 *4*	^{122}Sb(2.70 d)	564.119(69), 692.794(3.78), 793.278(0.016)
1256.901 *19*	0.275 *7*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1257.0 *6*	0.90 *8*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1257.0 *3*	2.18 *21*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1257.0 *18*	0.34 *17*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1257	0.066 *14*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1257.05 *8*	96	^{112}Sb(51.4 s)	990.70(14.3), 670.0(3.7), 894.60(2.7)
1257.1 *3*	0.021 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1257.1 *3*	12.7 *13*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1257.1 *10*	0.51 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1257.14 *25*	0.099 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1257.2	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1257.2 *1*	0.97 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1257.20 *10*	1.37 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1257.2 *4*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1257.3 *3*	0.68 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
• 1257.4185 *6*	1.488 *4*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1257.4185 *6*	1.40 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1257.4185 *6*	1.06 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1257.42 *14*	0.61 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1257.5 *3*	0.26 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1257.5 *3*	0.077 *15*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1257.5 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1257.53 *12*	1.17 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1257.59 *5*	0.93 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1257.62 *6*	0.0388 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1257.7 *3*	24.2 *23*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1257.96 *11*	†7.7 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 1257.98 *7*	0.095 *3*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1257.98 *7*	0.027 *7*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1258.0 *3*	9.6 *10*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1258	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1258.1 *3*	0.57 *6*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1258.17 *14*	1.62 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1258.17 *14*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1258.2	0.47 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1258.2	0.39 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1258.2	0.085 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1258.4 *6*	0.16 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1258.4 *6*	0.038 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1258.4 *2*	†2.7 *3*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1258.5 *5*	1.0 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1258.52 *17*	0.51 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 1258.59 *6*	0.356 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1258.6 *4*	1.5 *4*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1258.6 *4*	0.90 *18*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1258.75 *11*	0.19 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1258.8 *2*	1.01 *9*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1258.8 *4*	0.077 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1258.80 *20*	0.00057 *8*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1258.8 *2*	0.59 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1258.8 *5*	†0.3 *1*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1258.8 *5*	>6	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1258.84 *14*	0.73 *5*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1258.88 *13*	0.00125 *8*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1258.9 *5*	0.011 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1258.9 *1*	0.44 *7*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1259.0 *3*	1.19 *10*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1259.0 *4*	5.0×10^{-5} *1*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1259.0 *9*	0.00026 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1259.1 *5*	0.054 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1259.1 *5*	0.18 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1259.19 *2*	3.83 *12*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1259.2 *5*	†0.5 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1259.2 *4*	0.17 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1259.2 *8*	0.48 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1259.21 *9*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1259.26 *9*	0.549 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1259.3 *5*	0.17 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1259.3 *8*	8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 924.7(7)
1259.3 *3*	0.184 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1259.3 *5*	0.26 *14*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1259.3 *7*	0.09 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1259.35 *10*	0.0310 *19*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1259.38 *16*	0.44 *7*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1259.4 *3*	0.91 *5*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1259.4 *2*	0.121 *11*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1259.4 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1259.4 *3*	0.094 *13*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1259.44 *10*	12.6 *6*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1259.5 *4*	1 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1259.5 *10*	0.35 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1259.6 *1*	4.28 *17*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1259.6 *3*	0.29 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1259.62 *7*	0.0041 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1259.65 *7*	0.332 *15*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1259.65 *7*	2.83 *12*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1259.7 *2*	3.4 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1259.7 *2*	†21	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1259.7 *1*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1259.7 *4*	0.131 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1259.8 *3*	1.8 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1259.83 *8*	0.32 *5*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1259.9 *5*	0.30 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1259.99 *23*	0.032 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1260.00 *3*	1.14 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1260.0 *5*	0.7	^{136}Sm(47 s)	114.4(36), 747.7(5.4), 485.3(5.0)
1260.0	0.31	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1260.0 *3*	†1.4 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1260.0 *5*	0.068 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1260.09 *5*	0.090 *7*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1260.10 *7*	1.13 *3*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1260.1 *6*	0.0014 *6*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1260.1 *5*	0.009 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1260.17 *15*	0.152 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1260.409 *17*	28.90 *17*	^{135}I(6.57 h)	1131.511(22.74), 1678.027(9.62), 1457.56(8.73)
1260.45 *13*	0.047 *4*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1260.5 *1*	5.1 *4*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1260.53 *11*	8	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1260.60 *5*	0.325 *17*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1260.63 *5*	0.0112 *5*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1260.7 *3*	0.023 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1260.7 *3*	0.32 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1260.8	1.5	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1260.86 *27*	0.019 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1260.86 *6*	0.318 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1260.89 *9*	0.0235 *18*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1260.9 *4*	5.0×10^{-5} *3*	^{123}Sn(129.2 d)	1088.64(0.6), 1030.23(0.0310), 1021.00(0.00193)
1260.9 *7*	2.18 *20*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1260.94 *29*	0.13 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1260.97 *5*	2.8 *14*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1260.97 *5*	12.5 *9*	^{68}Cu(31.1 s)	1077.35(64), 1883.09(2.4), 1744.16(1.7)
1260.97 *5*	0.0900 *21*	^{68}Ga(67.629 m)	1077.35(3.0), 1883.09(0.130), 805.75(0.089)
1261.0 *1*	1.17	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1261.01 *3*	0.0245 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1261.09 *5*	0.0923 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1261.1 *10*	0.21 *10*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1261.11 *10*	2.76 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1261.11 *11*	0.00193 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1261.2 *4*	11	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 936.7(2.20)
1261.2 *2*	0.336 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1261.20 *8*	0.24 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1261.23 *10*	8.3 *6*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1261.3 *6*	0.08 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1261.3 *7*	1.7 *3*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1261.3 *6*	0.13 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1261.3 *10*	0.73 *17*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
• 1261.350 *23*	0.0327 *13*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1261.350 *23*	†25.5 *15*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1261.36 *10*	0.327 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1261.4 *2*	†0.42 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1261.4 *8*	0.17 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1261.43 *17*	1.33 *14*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1261.49 *6*	0.135 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1261.5 *3*	0.41 *9*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1261.55 *5*	0.0299 *21*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1261.7	†40 *12*	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1261.7 *2*	0.115 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1261.7 *6*	0.33 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1261.86	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1261.9 *2*	0.65 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1261.9 *5*	0.52 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1261.9 *4*	1.0 *3*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
• 1261.9 *2*	0.0039 *7*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1261.90 *30*	0.23 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1261.978 *27*	0.461 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1261.98 *20*	0.23 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
• 1262.09 *9*	0.012 *3*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1262.1 *20*	0.80 *12*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1262.2 *7*	0.076 *8*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1262.24 *14*	0.038 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1262.4 *5*	0.0022 *8*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1262.4 *5*	1.4 *4*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1262.4 *4*	0.09 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1262.4 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
• 1262.40 *4*	0.062 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1262.46 *19*	†1.26 *18*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1262.5 *3*	0.29 *6*	^{98}Pd(17.7 m)	112.0(58), 662.2(19.7), 106.75(13.9)
1262.5 *2*	0.076 *13*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1262.5 *10*	0.162 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1262.6 *1*	1.89 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1262.7 *1*	†1.00 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1262.8	0.6	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1262.85 *55*	0.10 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1262.95 *42*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1262.950 *14*	3.12 *17*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1570.270(0.41)
• 1262.950 *14*	0.78 *7*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1263 *1*		^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1263.03 *13*	0.34 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1263.1 *2*	0.029	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1263.16 *9*	0.044 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1263.2 *6*	0.55 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1263.2 *4*	0.112 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1263.2 *3*	0.0048 *14*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1263.23 *5*	40 *1*	^{30}Al(3.60 s)	2235.24(65), 3498.37(32), 2595.3(6.2)
1263.23 *5*	0.00087 *6*	^{30}P(2.498 m)	2235.24(0.060), 1552.5(0.00339), 3498.37(0.00070)
1263.3	0.09	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1263.35 *15*	5.1 *3*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1263.36 *11*	0.121 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1263.4 *5*	3.5 *4*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1263.4 *3*	0.35 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
• 1263.412 *16*	0.0014 *2*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
• 1263.412 *16*	0.0073 *7*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1263.412 *16*	0.902 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1263.45 *20*	0.309 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1263.54 *9*	1.83 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1263.6 *5*	0.027 *6*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1263.6 *2*	0.91 *5*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1263.6 *4*	0.17 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1263.7 *3*	0.94 *14*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1263.7 *3*	†36 *6*	^{147}Ho(5.8 s)	189.1(†100), 883.9(†100), 486.7(†61)
1263.7 *2*	0.65 *13*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1263.71 *4*	0.54 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1263.8 *3*	0.0020 *5*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1263.8 *3*	0.038 *8*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1263.80 *10*	0.111 *15*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1263.86 *3*	0.846 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1263.87 *13*	0.79 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1263.93 *12*	0.165 *20*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1264.0 *1*	0.53 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1264.0	0.87 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1264.0 *3*	0.0226 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1264.0 *4*	0.011 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1264 *1*	†1.9 *10*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1264.0 *4*	0.027 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1264.0 *1*	0.93 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1264.02 *6*	0.0075 *13*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1264.1 *3*	0.108 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1264.1 *8*	†3.7 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1264.16 *5*	0.0082 *3*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1264.18 *8*	1.13 *12*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1264.2 *5*	>0.18	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1264.2 *5*	2.8 *9*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
1264.2 *4*	1.73 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1264.27 *26*	0.18 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1264.3 *4*	0.095 *16*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1264.3 *2*	0.022 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1264.4 *3*	0.28 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1264.4	0.22	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1264.5 *8*	0.00014 *3*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1264.60 *5*	4.2 *3*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1264.62 *22*	0.31 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1264.66 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1264.66 *5*	2.9 *5*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1264.67 *4*	0.050 *22*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1264.7 *8*	0.16 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1264.7 *4*	0.029 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1264.7 *4*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 1264.73 *4*	0.124 *22*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1264.77 *4*	0.281 *23*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1264.78 *18*	0.151 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1264.8 *3*	1.1 *3*	^{102}Zr(2.9 s)	599.60(13.9), 535.30(10.6), 64.50(8.9)
1264.9 *4*	0.22 *8*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1264.9 *1*	0.23 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1264.94 *16*	0.137 *17*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1264.96 *8*	0.132 *9*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1265.0 *22*	>2.8×10^{-5}	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1265.0 *4*	0.078 *14*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1265.0	0.030	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1265.0 *4*	0.08 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1265.0 *4*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1265.0 *4*	†1.5 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1265	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1265.03 *7*	3.9×10^{-5} *13*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1265.03 *7*	4.3 *7*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1265.03 *7*	0.45 *9*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1265.1 *3*	0.088 *13*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1265.1 *3*	0.062 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1265.116 *25*	5.17 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1265.15 *15*	3.1 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1265.18 *10*	2.19 *10*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
• 1265.18 *10*	0.0165 *13*	^{174}Lu(142 d)	272.918(0.550), 992.128(0.546), 176.645(0.470)
1265.2 *2*	0.0048 *14*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1265.26 *6*	†2.1 *3*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1265.32 *2*	5.5 *3*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1265.359 *19*	0.111 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1265.36 *40*	†1.8 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1265.4 *3*	0.179 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1265.5 *4*	†24 *4*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1265.57 *15*	0.36 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1265.6 *7*	0.25 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1265.63 *15*	1.25 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1265.69 *16*	0.015 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1265.74 *5*	9.1 *3*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1265.80 *6*	0.257 *15*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1265.8 *3*	†44	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1265.8 *6*	†3.6 *4*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1265.9 *5*	0.083 *24*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1265.9 *3*	†0.84 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
• 1265.9 *3*	0.047 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1266.00 *20*	0.00104 *10*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1266.0 *6*	0.26 *5*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)
1266.0 *4*	0.43 *8*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
• 1266.0 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1266.0 *5*	2.16 *14*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1266.12 *11*	0.07	^{31}Si(157.3 m)	
1266.12 *11*	1.103 *22*	^{31}S(2.572 s)	3133.9(0.0318), 3505.5(0.0073), 2239.5(0.0048)
1266.13 *7*	0.00063 *16*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1266.13 *10*	0.216 *16*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1266.2 *3*	†0.9 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1266.2 *3*	1.68 *11*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1266.38 *10*	1.10 *8*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 1266.38 *7*	1.073 *12*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1266.4 *4*	0.31 *16*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1266.5 *3*	0.117 *18*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1266.5 *3*	0.22 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1266.50 *12*	2.41 *15*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1266.58 *5*	0.19 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1266.6	0.22	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1266.64 *14*	0.0125 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
• 1266.68 *25*	0.133 *23*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1266.76 *5*	0.145 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1266.8 *4*	0.64 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1266.9 *3*	†3.4 *3*	^{192}Bi(37 s)	853.8(†100.0), 501.8(†80), 504.3(†39)
1267.0 *10*	0.0090 *10*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1267.0 *1*	0.045 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1267.008 *20*	0.0230 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1267.1 *2*	0.41 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1267.185	54	^{39}Cl(55.6 m)	250.332(46.3), 1517.508(39.2), 1091.058(2.42)
1267.2 *6*	0.024 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1267.21 *19*	0.37 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1267.23 *5*	0.511 *20*	^{118}Sb(3.6 m)	1229.68(2.5), 528.83(0.472), 827.30(0.395)
1267.26 *7*	3.25 *9*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1267.3 *8*	0.10 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1267.3 *3*	0.124 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1267.3 *4*	0.22 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1267.5 *2*	2.94 *19*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1267.5 *6*	0.0077 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1267.6 *3*	0.070 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1267.8 *3*	0.33 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1267.8 *5*	0.69 *23*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1267.8 *5*	0.0060 *20*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1267.83 *13*	0.67 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1267.9 *1*	39 *3*	^{52}Sc(8.2 s)	1049.7(98), 1032.3(13.7), 1214.5(11.7)
1267.9 *4*	0.018 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1267.9 *6*	0.17 *4*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1267.9 *5*	0.0034 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1267.9 *5*	0.37 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1267.9 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1267.90 *20*	0.31 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1267.94 *11*	0.054 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1268		^{109}Tc(0.87 s)	194.6(†100), 128.7(†51), 96.2(†48)
1268.0	0.37	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1268.02 *43*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1268.1 *16*	0.4 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1268.1 *4*	0.037 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1268.2 *3*	0.11	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1268.2 *5*	1.11 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1268.2 *3*	0.21 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1268.27 *43*	†1.7 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1268.3 *5*	0.15 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1268.30 *20*	0.116 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1268.33 *8*	5.43 *19*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1268.4 *6*	0.091 *24*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1268.4 *5*	†7 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1268.48 *40*	0.039	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1268.5 *2*	0.06	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1268.6 *3*	0.065 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1268.6 *4*	†33	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1268.68 *9*	0.148 *20*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1515.59(0.122)
1268.7	0.07	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1268.78 *10*	1.3	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1268.8 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1268.8 *15*	0.065 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1268.9 *3*	0.35 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1268.9 *4*	0.18 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1269.0 *2*	0.31 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1269.0 *2*	0.30 *3*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1269.0 *2*	0.3	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1269.0 *2*	0.44 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1269 *1*	0.012 *5*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1269.0 *10*	0.18 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1269.06 *10*	0.0018 *6*	^{74}As(17.77 d)	634.78(15.4), 634.26(0.036)
1269.06 *10*	6.7 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1269.06 *10*	8.8 *4*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1269.1 *5*	0.31 *4*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1269.1 *6*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1269.3 *4*	0.014 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1269.3 *10*	0.068 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1269.34 *2*	0.93 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1269.34 *2*	0.0285 *10*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1269.4 *2*	†0.51 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1269.4 *3*	0.118 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1269.47 *7*	7.0 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1269.49 *5*	0.56 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1269.5 *5*	0.8 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1269.5 *8*	0.046 *11*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1269.5 *5*	0.97 *18*	^{187}Pt(2.35 h)	106.46(9), 201.52(6.4), 110.04(5.7)
1269.51 *10*	2.44 *13*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1269.54 *10*	2.3 *3*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1269.54 *10*	1.43 *16*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
1269.60 *15*	1.33 *18*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
1269.6 *2*	0.075 *21*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1269.6 *5*	0.18 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1269.6 *4*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1269.70 *4*	0.245 *9*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1269.7 *5*	0.0084 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1269.7	0.014 *8*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1269.7 *1*	†0.40 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1269.7 *7*	†8.6 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1269.87 *12*	0.148 *14*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1269.9 *4*	0.10 *6*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1270 *1*	>0.040	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1270.0 *1*	0.029 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1270.1 *3*	0.69 *9*	^{159}Tm(9.13 m)	38.35(5.8), 84.8(5.8), 271.30(5.1)
1270.16 *13*	0.65 *10*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1270.17 *6*	1.35 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 1270.2 *4*	0.047 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1270.2 *2*	1.19 *12*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1270.396 *18*	1.296 *25*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1270.4 *5*	0.072 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1270.4 *3*	0.110 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1270.5 *3*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1270.5 *5*	0.10 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1270.6 *5*	0.49	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1270.6 *10*	0.64 *21*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1270.71 *8*	0.0068 *5*	^{211}Pb(36.1 m)	404.853(3.78), 832.01(3.52), 427.088(1.76)
1270.81 *12*	0.64 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1270.85 *35*	0.171 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1270.9 *2*	0.071 *19*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1270.95 *14*	0.37 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1270.95 *14*	0.138 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1271 *1*	1.0 *4*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1271 *2*	0.059 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1271.1	0.12	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1271.1 *5*	0.60 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1271.1 *5*	0.050 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1271.1 *3*	0.50 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1271.2 *5*	0.00034 *15*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1271.2 *3*	0.161 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1271.26 *14*	0.070 *8*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1271.3 *6*	4.1 *4*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
1271.30 *10*	3.32 *17*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1271.3 *5*	0.030	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1271.3 *2*	0.58 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1271.4 *5*	0.7 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1271.45 *9*	0.00147 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1271.5 *3*	0.48 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1271.5 *3*	0.119 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1271.5 *5*	0.43 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1271.5 *7*	0.062 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1271.55 *2*	4.2 *3*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1271.6 *3*	0.018 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1271.77 *7*	1.55 *21*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1271.77 *7*	0.0274 *17*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1271.8 *5*	0.00019 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1271.880 *8*	7.46 *3*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1271.880 *8*	†8.6 *8*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1271.96 *18*	0.11 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1271.98 *25*	0.745 *16*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1272 *1*	0.34 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1272	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
• 1272.1 *4*	0.066 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1272.1 *2*	1.6 *4*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1272.12 *3*	0.748 *25*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1272.12 *3*	0.000251 *16*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
• 1272.2 *6*	0.0200 *20*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1272.20 *5*	2.54 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1272.2 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1272.2 *3*	0.060 *11*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1272.4 *5*	0.024 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
• 1272.46 *6*	0.68 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1272.5 *1*	1.28	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1272.6 *10*	3.7 *3*	^{89}Mo(2.04 m)	658.6(5.7), 844.0(3.7), 1154.8(1.80)
1272.6 *3*	0.56 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
• 1272.60 *12*	0.031	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1272.60 *12*	0.016	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1272.6 *5*	1.29 *18*	^{186}Tl(27.5 s)	405.43(92), 402.72(45.9), 356.84(29.3)
1272.6 *1*	0.79 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1272.71 *3*	6.7 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1272.73 *3*	0.73 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1272.8 *4*	0.08 *8*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1272.8 *3*	0.14 *6*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1272.8 *7*	0.027 *8*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1272.8 *4*	0.168 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1272.8 *3*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1272.84 *8*	†2.61 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1272.9 *9*	0.29 *6*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1272.9 *6*	0.31 *4*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
1272.9 *2*	0.200 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1273.0 *15*	0.26 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1273 *1*	†0.50 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1273 *1*		^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1273.0 *6*	0.081 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1273.05 *10*	1.20 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1273.06 *6*	0.140 *7*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1273.1 *5*	0.045 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1273.1 *4*	0.36 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1273.17 *14*	0.18 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1273.2 *6*	0.61 *7*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1273.23 *10*	0.228 *22*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1273.3 *4*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1273.367 *12*	90.6 *6*	^{29}Al(6.56 m)	2425.907(5.7), 2028.12(3.7), 1152.593(0.88)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1273.367 *12*	1.549 *10*	^{29}P(4.140 s)	2425.907(0.097), 2028.12(0.063), 1152.593(0.0150)
1273.4 *2*	0.99 *13*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1273.4	0.50 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1273.45 *19*	0.163 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1273.497 *14*	0.168 *15*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1273.497 *14*	3.31 *20*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1273.5 *3*	0.078 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1273.5 *2*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1273.5 *2*	0.019 *6*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1273.52 *62*	†6 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1273.540 *16*	14.9 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1273.59 *4*	0.197 *17*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1273.6 *8*	0.098 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1273.6 *6*	0.09	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1273.67 *17*	0.032 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1273.7 *3*	0.22 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1273.73 *10*	1.37 *8*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1273.7305 *5*	0.6505 *24*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1273.7305 *5*	0.53 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1273.7305 *5*	0.94 *4*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1273.77 *20*	0.88	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1273.8 *8*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1273.8 *2*	46 *4*	^{212}Fr(20.0 m)	227.72(43), 1185.6(14.1), 138.30(7.7)
1273.83 *8*	9.3 *3*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1273.9	0.003 *3*	^{35}Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
1273.9 *5*	0.014 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1273.9	0.014 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1274.0 *3*	0.44 *6*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1274 *1*	†2.5 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1274.05 *18*	0.25 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1274.1 *4*	†7.3 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1274.1 *3*	0.22 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1274.1 *7*	0.187 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1274.2 *8*	0.14 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1274.2 *3*	1.6	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1274.2 *3*	0.040 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1274.3 *10*	1.3	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1274.34 *5*	1.27 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1274.39 *21*	0.0076 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1274.4 *9*	1.60 *20*	^{65}Co(1.20 s)	1141.7(4.0), 310.6(2.90), 963.7(2.6)
1274.4 *2*	2.15 *15*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
• 1274.436 *6*	35.19 *18*	^{154}Eu(8.593 y)	123.071(40.79), 723.304(20.22), 1004.725(18.01)
1274.436 *6*	0.78 *14*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1274.436 *6*	10.5 *7*	^{154}Tb(21.5 h)	123.071(26), 2187.10(9.9), 722.12(7.7)
1274.47 *9*	0.0312 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1274.5 *3*	0.25 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1274.50 *10*	0.20 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1274.53 *2*	100	^{22}F(4.23 s)	2082.5(85.1), 2165.9(67.8), 4366.2(12.8)
• 1274.53 *2*	99.944 *14*	^{22}Na(2.6019 y)	
• 1274.592 *14*	0.0493 *16*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1274.6 *4*	0.06 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1274.6 *3*	0.044 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1274.6 *4*	1.19 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1274.6 *2*	0.18 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1274.6 *5*	0.00017	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1274.6 *3*	0.53 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1274.7 *3*	0.39 *12*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1274.7	0.31 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1274.7		^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1274.72 *4*	0.267 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1274.74 *4*	2.14 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1274.78 *4*	0.821 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1274.8 *3*	†290 *67*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1274.99	0.106 *6*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1275	0.61 *13*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1275 *1*	0.22	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1275.06 *14*	0.26 *3*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
1275.06 *14*	0.48 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
• 1275.094 *17*	0.119 *6*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1275.1 *3*	†2.58 *19*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1275.1 *2*	0.68 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1275.1 *5*	†2.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1275.1 *10*	0.24 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1275.15 *5*	0.8 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1275.2 *3*	0.138 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1275.26 *10*	0.411 *21*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1275.27 *30*	0.048	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1275.3 *10*	0.40 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1275.38 *20*	0.112 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1275.38 *17*	0.60 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1275.5 *10*	2.4 *5*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
1275.6 *4*	1.06 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1275.7 *4*	0.90 *7*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1275.76 *10*	3.07 *8*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1275.8 *4*	2.19 *13*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
1275.80 *10*	2.5 *6*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1275.8 *4*	†7.3 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1275.9 *3*	0.35 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1276.0 *1*	0.025 *11*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1276.0 *10*	0.032 *14*	^{162}Ho(67.0 m)	185.005(28.6), 1220.0(22.5), 282.864(11.3)
1276.0 *5*	†2.2 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1276.0 *4*	†0.19 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 1276.04 *45*	0.0074 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1276.07 *9*	0.94 *6*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1276.2 *1*	4.9 *5*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1276.2 *12*	0.0046 *18*	^{157}Dy(8.14 h)	326.16(92), 182.20(1.84), 83.01(0.62)
1276.2 *6*	0.25 *8*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1276.27 *3*	0.0039 *9*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1276.3 *3*	0.33 *4*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1276.3 *2*	†2.7 *4*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1276.3 *4*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1276.3 *5*	1.61 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1276.3 *6*	0.047 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1276.3 *6*	0.015 *8*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1276.3 *4*	0.13 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1276.38 *25*	†17 *4*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1276.38 *25*	0.11 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1276.4 *4*	0.045 *10*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1276.4 *6*	0.33 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1276.4 *6*	0.26 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1276.4 *4*	0.122 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1276.4 *4*	0.1220 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1276.5 *2*	†3.4 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1276.5 *4*	0.15	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1276.5 *4*	3.3 *3*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1276.54 *15*	5.57 *13*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1276.54 *4*	0.013 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1276.6 *5*	0.15 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1276.6 *7*	0.11 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
• 1276.62 *23*	0.175 *16*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1276.67 *2*	0.0042 *24*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1276.67 *2*	0.036 *3*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1276.69 *10*	0.014 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1276.7 *4*	†0.62 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1276.7 *3*	1.28 *18*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1276.77 *6*	1.565 *16*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1276.77 *6*	0.040 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1276.8 *2*	0.059 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1276.9	1.5	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1276.9 *5*	0.25 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1276.9	0.18	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1276.9 *3*	0.028 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1276.9 *3*	0.043 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1276.92 *22*	1.2 *3*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1276.95 *13*	0.72 *8*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1277.0 *4*	0.21 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1277.0 *2*	0.118 *10*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1277.0	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1277.0 *4*	0.05	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1277.04 *19*	0.189 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1277.1 *3*	1.9 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1277.1 *4*	0.164 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1277.1 *1*	2.4 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1277.1 *2*	0.60 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1277.13 *7*	1.63 *11*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 1277.2 *2*	0.038 *4*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1277.27 *16*	1.48 *23*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1277.3	0.08	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1277.4	2.06 *25*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
• 1277.43 *6*	2.886 *12*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1277.43 *6*	0.018 *8*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1277.44 *1*	0.118 *5*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1277.45 *11*	2.37 *12*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1277.451 *5*	0.104 *10*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1277.451 *5*	1.619 *10*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1277.46 *4*	0.073 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1277.47 *10*	0.63 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1277.5 *3*	3	^{80}Y(35 s)	385.86(100), 595.06(39), 1185.20(20)
1277.5 *15*	1.6 *5*	^{89}Nb(1.18 h)	587.83(100), 507.4(85), 769.69(6.5)
1277.5	0.07 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1277.62 *5*	2.38 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1277.7 *10*	0.11 *3*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1277.7 *5*	0.08 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1277.7 *3*	1.2 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1277.7 *2*	0.044 *7*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1277.79 *6*	0.015 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 1277.8 *4*	0.029 *5*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1277.80 *20*	0.147 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1277.83 *12*	0.058 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1277.9 *1*	0.018 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1277.90 *11*	0.16	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1277.91 *17*	0.067 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1277.99 *9*	0.86 *6*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1278.0 *2*	4.6 *5*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1278.0	0.66 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1278.1 *4*	0.240 *24*	^{85}Y(2.68 h)	231.67(84), 504.45(60), 913.93(9.0)
1278.1 *5*	0.6	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1278.1 *10*	0.31 *6*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1278.4 *4*	0.062 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1278.4 *5*	2.8 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1278.4 *5*	†1.9 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1278.5 *8*	0.032 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1278.50 *25*	0.41 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1278.56 *17*	0.07 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1278.6 *10*	†1.0	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1278.8 *2*	0.20 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1278.80 *18*	0.40 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1278.8 *5*	0.089 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1278.9 *8*	0.56 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1278.9 *3*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1278.9 *3*	0.107 *21*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1279.0 *7*	0.011 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1279.0 *4*	0.0035 *4*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1279.1 *1*	100 *5*	^{134}Sb(10.43 s)	297.0(97), 706.3(57), 115.2(49)
1279.1 *3*	†11.0 *8*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
• 1279.13 *3*	0.0346 *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1279.20 *13*	0.028 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1279.21 *23*	0.00081 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1279.27 *2*	1.2	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1279.3 *3*	0.22 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1279.3 *2*	10.2 *12*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1279.3 *7*	0.27 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1279.3 *18*	†14 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1279.5 *5*	0.25 *10*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1279.5 *3*	0.91 *16*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1279.5 *4*	0.037 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1279.6 *4*	0.07	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1279.7 *4*	0.016 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1279.7 *10*	0.090 *14*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1279.7 *2*	†0.45 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1279.9 *2*	†5.71 *10*	^{22}Mg(3.857 s)	583.02(†100), 73.97(†59.5)
1279.9 *5*	0.0025 *2*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1279.96 *5*	0.174 *4*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 1279.99 *6*	0.0096 *7*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1279.99 *12*	0.284 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1280 *2*	0.07 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1280.00 *10*	1.99 *11*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1280.0 *3*	0.56 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1280.05 *15*	0.0094 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1280.06 *15*	0.24 *3*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1280.06 *15*	1.2 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1280.08 *17*	0.16 *4*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1280.1 *4*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1280.1 *3*	0.119 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1280.1 *3*	0.42 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1280.25 *10*	3.450 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 2041.88(1.434), 985.10(0.896)
1280.28 *12*	0.0010 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 1280.28 *7*	0.062 *8*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1280.3 *2*	0.50 *7*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1280.3 *2*	0.30 *6*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1280.3 *3*	0.35 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1280.4 *2*	0.38 *4*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1280.40 *8*	0.00017 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1280.6 *2*	23.8 *16*	^{100}Nb(2.99 s)	535.60(97.0), 600.5(65.0), 967.1(19.3)
1280.6 *4*	0.42 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1280.7 *6*	0.20 *5*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1280.8 *10*	0.56 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1280.8 *1*	0.088 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1280.8 *5*	0.18 *10*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1280.9 *5*	0.932 *10*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1280.9 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
• 1280.91 *6*	0.0016 *7*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1280.96 *2*	1.44 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1281.00 *6*	0.127 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1281.0 *3*	†0.41 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1281.1 *10*	0.09 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1281.11 *15*	0.62 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1281.12 *17*	†5.6 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1281.2 *3*	0.276 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1281.2 *7*	0.17 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1281.2 *2*	0.047 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1281.3 *2*	5.66 *17*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1281.4 *5*	†0.16 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1281.5 *5*	0.65 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1281.5 *2*	0.40 *12*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1281.5 *5*	†1.3 *5*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
1281.6 *3*	2.4 *4*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1281.6 *3*	0.46 *9*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1281.6 *5*	†0.06	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1281.7 *2*	0.43 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1281.8 *5*	0.14 *4*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1281.8 *1*	2.05 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1281.81 *10*	0.065 *7*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
• 1281.96 *11*	0.00022 *4*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1282		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1282		^{130}Pr(40.0 s)	951.9, 499.0, 1405
1282.0 *2*	0.021 *4*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1282.00 *25*	0.099 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1282.06 *35*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1282.07 *18*	0.41 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1282.08 *2*	0.169 *4*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1282.1 *6*	0.33 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1282.19 *4*	3.37 *19*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1282.2 *4*	0.024 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1282.22 *3*	0.315 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1282.36 *14*	33 *2*	^{50}Mn(1.75 m)	783.29(100), 1097.97(98.5), 1443.28(69)
1282.4 *2*	0.97 *21*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1282.4 *4*	0.096 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1282.4 *9*	†17 *7*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
1282.4 *6*	1.73 *20*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1282.4 *3*	0.54 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1282.5 *2*	1.04 *10*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1282.5 *2*	2.6 *3*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1282.65 *12*	0.159 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1282.7 *3*	0.27 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1282.7 *3*	0.77 *9*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1282.78	>0.019	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1282.8 *9*	0.20 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1282.8 *3*	0.052 *5*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1282.9 *4*	>0.28	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1282.9 *5*	0.039 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1282.9 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1283.0 *10*	0.131 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1283.0 *5*	0.5	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1283.0 *2*	†0.5 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1283.08 *4*	1.22 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1283.10 *68*	0.18 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1283.2 *5*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1283.23 *5*	8.3 *4*	^{139}Cs(9.27 m)	627.24(1.78), 1420.66(0.91), 2110.91(0.76)
• 1283.28 *4*	2.11 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1283.3 *3*	0.27 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1283.3 *2*	0.168 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1283.32 *14*	0.0227 *9*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1283.4 *7*	†0.68 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1283.4 *3*	0.128 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1283.4 *15*	2.5 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1283.4 *3*	0.11 *4*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1283.41 *6*	0.0096 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1283.45 *21*	3.9 *8*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1283.50 *6*	0.165 *12*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1283.51 *15*	†47	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1283.60 *30*	0.023 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1283.6 *3*	0.066 *12*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1283.6 *9*	0.024 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1283.7 *1*	1.14 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1283.8 *8*	0.51 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1283.9 *4*	0.74 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1283.9 *1*	0.64 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1283.95 *3*	0.064 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1283.96 *13*	0.29 *11*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1284.0 *4*	0.15 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1284.0 *2*	0.052 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1284.0 *5*	0.040 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1284 *1*	0.0110 *10*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1284.1 *11*	0.23 *13*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1284.1 *2*	†0.34 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1284.2 *4*	1.0 *4*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1284.3	4.1 *3*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
1284.3 *4*	0.16 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1284.35 *20*	0.183 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1284.4 *1*	0.14 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1284.4 *3*	0.25 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1284.4 *5*	0.0024 *2*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1284.4 *3*	0.25 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1284.49 *13*	0.0016 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1284.5 *5*	†0.26 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1284.58 *19*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1284.6 *8*	0.13 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1284.6 *5*	†1.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1284.7 *5*	6.75 *11*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1284.8 *8*	0.07	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1284.8 *3*	†0.58 *6*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1284.95 *6*	0.43 *5*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1285.0 *14*	†4.0 *12*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1285.0 *5*	0.051 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1285.0 *4*	1.40 *12*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1285 *1*	0.025 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1285 *1*	1.9 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1285.1 *5*	0.016 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 1285.11 *15*	0.078 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1285.18 *4*	0.111 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1285.2 *7*	0.19 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1285.20 *20*	0.62 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1285.22 *6*	0.0547 *21*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1285.4 *12*	0.0046	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1285.4 *3*	0.047 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1285.4 *5*	0.7	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1285.48 *8*	0.00052 *16*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1285.50 *11*	0.290 *19*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1285.5 *4*	0.042 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1285.5 *3*	0.079 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1285.58 *10*	0.0132 *12*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1285.58 *10*	†5.3 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1285.59 *10*	0.83 *7*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1285.6 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1285.63 *16*	0.182 *16*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1285.66 *9*	0.22 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1285.66 *19*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1285.7 *3*	0.37 *6*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1285.7 *3*	0.056 *12*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1285.8 *1*	1.16 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1285.82 *5*	0.33 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1285.97 *26*	7.7 *6*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1286.0 *2*	0.28 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1286.0 *3*	†0.77 *9*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1286 *1*	0.025 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1286.05 *14*	2.7 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1286.1 *2*	0.48 *5*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1286.1 *2*	0.21 *3*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1286.1 *2*	†3.6 *3*	^{185}Hg(21.6 s)	222.8(†100.0), 258.7(†98), 212.5(†58)
1286.26 *17*	0.143 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1286.27 *20*	0.051 *10*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1286.3 *2*	0.065 *4*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 1286.35 *20*	0.032 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1286.39 *3*	6.1 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1286.4 *2*	0.25 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1286.4 *2*	†0.4 *1*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1286.4 *4*	0.00039 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1286.4 *4*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1286.4 *4*	0.0064 *13*	^{195}Hg(41.6 h)	261.75(30.9), 560.27(7), 387.87(2.15)
1286.5 *2*	0.046 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1286.5 *3*	0.209 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1286.6 *4*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1286.6 *2*	0.00075 *17*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1286.60 *14*	0.28 *4*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1286.9 *4*	0.0069 *5*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1286.9 *3*	0.49 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1286.9 *3*	†2.2 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1287.0 *5*	0.11 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1287.0 *1*	0.27 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1287.0 *3*	1.71 *17*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1287.0	†5.1	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1287.0 *5*	0.43 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1287.1 *5*	0.035 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1287.1 *3*	0.0043 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1287.17 *12*	0.29 *5*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1287.2 *6*	0.44 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1287.2 *8*	†10 *4*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
1287.2 *1*	0.118 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1287.38 *12*	0.09	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1287.4 *3*	0.066 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1287.4 *1*	1.16 *8*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1287.5	†0.09 *4*	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1287.58 *7*	0.86 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1287.6 *3*	0.028 *6*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
1287.6 *4*	0.28 *12*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1287.6 *8*	†0.64 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1287.6 *5*	0.0154 *17*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1287.61 *10*	1.72 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1287.65 *30*	3.2 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1287.68 *20*	0.082 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1287.8 *1*	2.7 *5*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1287.9 *3*	†3.7 *7*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1287.975 *25*	0.22 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1288 *1*	0.052 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1288.0 *3*	0.081 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1288.0 *4*	0.125 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1288.1 *1*	0.034 *5*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1288.1 *3*	0.159 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1288.2 *7*	2.28 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1288.2 *5*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1288.2 *3*	0.80 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1288.3 *12*	3.1 *11*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
1288.33 *6*	†5.64 *14*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1288.35 *20*	0.38 *7*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1288.36 *20*	0.101 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1288.39 *14*	1.39 *12*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1288.4 *5*	0.07 *3*	^{49}Ca(8.715 m)	3084.4(92), 4071.9(7.0), 1408.9(0.63)
1288.4 *3*	0.088 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1288.45 *15*	0.58 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1288.5 *3*	†1.00 *13*	^{129}In(1.23 s)	315.3(†28), 1222.0(†2.5), 906.7(†1.6)
1288.5 *8*	0.16 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1288.5 *4*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1288.7 *3*	0.078 *13*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1288.72 *40*	†3.5 *12*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
• 1288.82 *3*	0.504 *24*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1288.82 *3*	0.193 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1288.86 *10*	4.9 *4*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1288.9 *3*	3.0 *10*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
1288.9 *7*	1.90 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1288.97 *20*	0.029	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1289.0 *10*	0.5 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1289.03 *36*	0.023 *7*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 1289.04 *3*	0.1040 *25*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1289.08 *25*	0.010 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1289.1 *15*	1.15 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
• 1289.1561 *5*	1.349 *5*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1289.1561 *5*	1.22 *5*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1289.1561 *5*	0.756 *15*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1289.2 *3*	0.20 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1289.29 *16*	0.516 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1289.3 *4*	0.124 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1289.33 *24*	2.05 *12*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1289.4 *5*	0.16 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1289.4 *7*	0.12 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1289.47 *19*	0.493 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1289.59 *11*	10	^{53}V(1.61 m)	1006.14(90), 283.14(0.8), 442.7(0.39)
1289.6 *4*	0.028 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1289.6 *3*	†2.3 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1289.65		^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1289.7 *8*	0.087 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1289.73 *15*	0.081 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1289.8 *4*	>0.08	^{53}Fe(8.51 m)	377.88(42), 1619.9(0.50), 2273.5(0.38)
1289.8 *4*	0.012 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1289.8 *5*	1.7 *6*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1289.83 *13*	0.133 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1289.87 *5*	0.330 *8*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1289.89 *4*	0.039 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1289.92 *22*	0.22 *4*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1289.98 *15*	0.103 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1290.0 *5*	0.15 *15*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1290 *1*	0.019 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1290.0 *5*	0.00092 *9*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
• 1290.0 *2*	0.0250 *25*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1290.1 *5*	0.061 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1290.11 *6*	0.0041 *8*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1290.3 *3*	2.1 *3*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
• 1290.3 *8*	0.37 *11*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
1290.3 *1*	0.0132 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1290.3 *3*	0.45 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1290.33 *22*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1290.368 *22*	0.0786 *21*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1290.4 *3*	0.334 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1290.4 *6*	†0.33 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1290.4 *7*	†0.8 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1290.44 *11*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1290.50 *12*	5.9 *4*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1290.54 *23*	0.24 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1290.57 *15*	0.3 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1290.580 *10*	0.890 *14*	^{115}Cd(44.6 d)	933.8(2.000), 484.470(0.290), 1132.570(0.0856)
• 1290.59 *3*	1.14 *6*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1290.6 *6*	0.10 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1290.61 *25*	0.18 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1290.7 *3*	0.115 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1290.7 *3*	0.0098 *15*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1290.71 *20*	9.8 *7*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1290.8 *5*	0.40 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1290.8 *2*	1.13 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1290.80 *10*	0.50 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1290.88 *18*	10.3 *10*	^{60}Mn(1.77 s)	823.63(74), 1968.8(53), 492.9(18.0)
• 1290.9 *4*	0.085 *16*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1290.9	†100	^{176}Os(3.6 m)	775.8(†98), 1209.2(†71), 857.2(†69)
1290.9 *3*	0.45 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1290.97 *9*	1.3	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1291.00 *4*	0.67 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1291.0 *8*	0.022 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 1291.058 *16*	0.60 *5*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1291.1 *3*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1291.16 *74*	†1.8 *8*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1291.18 *21*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1291.2 *3*	5.8 *5*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1291.2 *1*	2.04 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1291.2 *3*	0.099 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1291.2 *7*	0.046 *12*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1291.3 *4*	0.056 *5*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1291.3 *2*	0.0049 *15*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
• 1291.326 *17*	0.0128 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1291.326 *17*	6.9 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1291.39 *6*	0.46 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1291.4 *5*	7.3 *6*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
1291.4 *4*	0.07 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1291.4 *4*	0.17 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1291.5 *1*	0.53 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1291.5 *10*	0.032 *16*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1291.50 *13*	0.00028 *4*	^{129}Te(69.6 m)	27.81(16.3), 459.60(7.70), 487.39(1.42)
1291.50 *10*	0.31 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1291.54 *6*	0.102 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1291.54 *49*	0.099 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1291.58 *18*	†0.27 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1291.596 *7*	43.2 *11*	^{59}Fe(44.503 d)	1099.251(56.5), 192.349(3.08), 142.652(1.02)
1291.6 *7*	0.09 *5*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1291.6 *10*	1.62 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1291.6 *1*	1.09 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1291.7 *2*	0.11 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1291.8 *1*	0.40 *5*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1291.8 *4*	0.092 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1291.8 *10*	0.12 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1291.8 *4*	0.102 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1291.852 *21*	0.234 *23*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1291.9 *1*	0.067 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1291.9 *10*	0.20 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1292.0	89 *5*	^{38}P(0.64 s)	2224.3(20), 3516.2(12), 3698.3(10)
1292.0 *10*	1.3 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1292.05 *20*	7.0 *6*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1664.80(6.4)
1292.1 *4*	0.78 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 1292.13 *15*	0.0013 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1292.2 *5*	0.76 *14*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1292.2 *4*	0.0049 *11*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1292.3 *4*	3.7 *4*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
• 1292.3 *5*	0.114 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1292.3 *2*	0.22 *3*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1292.5 *3*	0.39 *5*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1292.5 *3*	†5.7 *6*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1292.5 *4*	0.28 *3*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1292.5 *7*	0.21 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1292.54 *17*	2.1 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1292.55 *93*	0.042 *22*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1292.57 *7*	0.0112 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1292.6 *2*	3.40 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1292.6 *3*	0.081 *7*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1292.6 *3*	†1.66 *10*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1292.6 *2*	0.46 *4*	^{141}Nd(2.49 h)	1126.8(0.8), 1147.2(0.306), 145.4405(0.239)
1292.6 *2*	6.8 *4*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1600.7(4.0)
1292.6 *5*	0.087 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1292.7 *2*	†1.1 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1292.70 *15*	†1.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1292.784 *19*	0.100 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 1292.784 *19*	0.102 *6*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1292.8 *4*	†4 *1*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1292.8 *3*	0.12 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1292.8 *1*	0.46 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1292.84 *21*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1292.85 *22*	0.65 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1292.9 *15*	<0.42	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1292.9 *15*	0.8 *3*	^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
1292.95 *17*	0.49 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1293.0 *3*	3.7 *4*	^{126}Ba(100 m)	233.6(19.6), 257.6(7.6), 241.0(6.0)
1293.0 *3*	0.037 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1293.2 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1293.2 *3*	0.089 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1293.2 *3*	0.30 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1293.2 *3*	0.31 *3*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1293.29 *17*	0.209 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1293.3 *2*	0.84 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1293.3 *6*	0.44 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1293.4 *3*	†4.7 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1293.42 *15*	0.53 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1293.50 *15*	0.26 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1293.5 *3*	1.60 *17*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1293.5 *3*	0.22 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1293.5 *5*	1.0	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1293.5	†7.7	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1293.5 *4*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1293.54 *5*	1.3	^{116}In(14.10 s)	463.16(0.25), 1252.5(0.031), 2112.1(0.021)
1293.54 *5*	84.4 *17*	^{116}In(54.41 m)	1097.3(56.2), 416.86(28.9), 2112.1(15.5)
1293.54 *5*	85	^{116}Sb(15.8 m)	931.800(24.7), 2225.33(14.2), 2843.5(1.1)
1293.54 *5*	100	^{116}Sb(60.3 m)	972.550(72), 542.872(52), 407.351(42)
1293.587	99.1	^{41}Ar(109.34 m)	1677.198(0.052)
1293.6 *4*	0.24 *5*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1293.6 *7*	0.10 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1293.6 *2*	0.38 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1293.6 *1*	0.35 *6*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1293.6 *6*	0.022 *9*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1293.6 *4*	†1.4 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1293.61 *5*	0.340 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1293.66 *6*	0.046 *3*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1293.66 *6*	0.12 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1293.7 *2*	1.85 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1293.7 *4*	0.058 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1293.7 *5*	0.016 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1293.7 *3*	0.72 *8*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1293.7 *3*	0.15 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1293.7 *7*	†0.5 *3*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1293.8 *4*	6.1 *3*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1293.8 *3*	1.7 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1293.9 *5*	0.25 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1294.0 *5*	1.4	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1294.0 *5*	0.032 *21*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1294.0 *8*	2.0×10^{-5} *5*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1294.0 *2*	0.144 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1294.0 *2*	†5.0 *6*	^{195}Bi(183 s)	807.6(†100), 831.7(†100), 776.2(†95)
1294.0 *2*	1.38 *14*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 1294.0 *3*	0.009 *1*	^{240}Am(50.8 h)	987.76(73.2), 888.80(25.1), 98.860(1.5)
1294.07 *20*	1.01 *13*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
1294.07 *11*	0.30 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1294.1 *5*	0.35 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1294.12 *3*	1.61 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1294.190 *15*	0.091 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1294.2 *5*	3.8 *4*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1294.20 *10*	0.78 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1294.30 *15*	32 *3*	^{97}Ag(19 s)	686.20(69)
1294.34 *10*	7.1 *10*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1294.34 *2*	0.481 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1294.37 *8*	0.54 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1294.4 *1*	2.0 *3*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1294.4 *5*	2.7 *4*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1294.4 *3*	1.5 *4*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1294.4 *2*	1.90 *7*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1294.5 *3*	12.2 *10*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
1294.5 *5*	0.08 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
• 1294.53 *20*	0.0149 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1294.70 *10*	0.157 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1294.72 *15*	0.73 *7*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
• 1294.74	0.045 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1294.89 *4*	0.310 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1294.89 *12*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1294.9 *3*	0.29 *8*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1294.9 *2*	1.89 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1295.0 *10*	0.19 *9*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1295.00 *4*	0.179 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1295.0 *5*	0.124 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1295.07 *13*	0.0092 *6*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1295.1 *2*	1.88 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1295.27 *75*	0.056 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1295.3 *3*	†2.0 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1295.30 *5*	†210 *18*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1295.4 *23*	†1.3	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1295.4	0.12 *3*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1295.4 *6*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1295.40 *8*	0.20 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
• 1295.44 *10*	0.134 *13*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1295.45 *8*	0.47 *3*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1295.45 *8*	0.032 *16*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1295.45 *19*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1295.45 *19*	1.19 *14*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1295.6 *3*	0.108 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1295.6 *6*	0.23 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1295.68 *7*	†2.11 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1295.71 *20*	0.089 *9*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1295.71 *20*	0.060 *6*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1295.8 *9*	0.014 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1296.0 *4*	0.102 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1296.0 *5*	0.06 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1296.03 *23*	0.54 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 1296.06 *15*	0.131 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1296.08 *6*	1.88 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1296.1 *5*	0.18 *8*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1296.1 *8*	0.068 *20*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1296.1 *3*	0.485 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1296.2 *8*	0.55 *13*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1296.3 *1*	0.51 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1296.3 *2*	0.074 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1296.3 *3*	0.029 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1296.4 *3*	0.40 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1296.4 *1*	0.0044 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1296.4 *2*	0.062 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1296.4 *2*	0.029 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1296.5 *5*	>0.026	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1296.54 *13*	0.00068 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1296.6 *3*	0.234 *23*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1296.7		^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 1417.2(17.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1296.80 *25*	0.20 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1296.81 *17*	0.025 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1296.81 *20*	0.22 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1296.86 *10*	3.91 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 1296.90 *5*	0.166 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1297.0 *4*	0.0074 *5*	^{81}Rb(30.5 m)	49.56(0.78), 643.6(0.115), 1194.9(0.112)
1297.0 *4*	5.8×10^{-5} *8*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1297.0 *3*	†7.5 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1297.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
• 1297.09 *10*	74	^{47}Ca(4.536 d)	489.23(6.5), 807.86(6.5), 767.1(0.199)
• 1297.1 *2*	5.37 *13*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1297.10 *9*	0.028 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1297.2 *4*	0.18 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1297.32 *6*	0.348 *14*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1297.34 *9*	0.0104 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1297.4 *3*	2.0 *3*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1297.4 *3*	2.1 *3*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1297.4 *3*	0.34 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1297.5 *3*	0.38 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1297.5 *3*	0.129 *20*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 1297.51 *5*	0.0197 *16*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1297.6 *2*	0.35 *6*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1297.61 *13*	1.5 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1297.61 *5*	0.222 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1297.76 *11*	0.176 *19*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1297.8 *3*	0.8	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1297.8 *5*	0.06 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1297.8 *3*	0.121 *18*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1297.85 *19*	0.442 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1297.9 *3*	0.08	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1297.9 *2*	0.00072 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1297.9 *3*	†3.1 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1297.91 *2*	0.89 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 1297.91 *2*	0.055 *4*	^{132}Cs(6.479 d)	667.718(98), 630.19(0.95), 505.79(0.73)
1297.98 *16*	0.0048 *21*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1298 *2*	0.089 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1298.0 *5*	0.044 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1298.0 *8*	0.08 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1298.0 *4*	0.119 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1298.1 *4*	4.7 *7*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1298.20 *8*	†3.36 *17*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1298.2 *6*	0.0023 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1298.2 *4*	0.217 *21*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1298.223 *11*	2.35 *5*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 510.530(1.83)
1298.3 *1*	0.129 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1298.3 *2*	†186 *38*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1298.32 *10*	0.0008 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1298.4 *7*	0.34 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1298.449 *10*	0.344 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1298.46	0.83 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1298.5 *5*	0.20 *4*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1298.5 *2*	1.27 *13*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1298.5 *2*	0.1	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1298.5 *4*	†0.14 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1298.6 *5*	0.058 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1298.6 *2*	0.127 *14*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1298.7 *12*	†2.1 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 1298.729 *15*	0.190 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1298.78 *15*	0.093 *21*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1298.8 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1298.8 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1298.8 *2*	0.19 *5*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1298.8 *3*	0.041 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1298.81 *16*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1298.9 *2*	0.21 *4*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1298.9 *5*	0.8 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1299.0 *4*	25 *8*	^{62}Mn(0.88 s)	876.8(90), 942.1(26), 1815.0(21)
1299.0 *2*	1.23 *8*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1494.6(1.12)
1299.0 *6*	13.5 *6*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
• 1299.124 *12*	1.626 *21*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1299.124 *12*	†51 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1299.14 *9*	0.151 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1299.15 *19*	5.3 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1299.18 *3*	0.071 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1299.2 *2*	0.17 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1299.2 *15*	0.306 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1299.3 *1*	15.1 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
• 1299.3 *3*	0.0058 *4*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1299.3 *6*	0.022 *11*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1299.4 *7*	†0.79 *12*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1299.4 *5*	0.21 *5*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1299.4 *2*	0.09 *3*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1299.5 *2*	0.94 *8*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1299.60 *30*	0.14 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1299.6 *2*	0.40 *5*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1299.6 *5*	0.24 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1299.7 *3*	0.078 *9*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1299.7	0.44	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1299.8 *9*	0.050 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1299.9 *3*	0.162 *24*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1299.90 *8*	†7×10^{04}	^{114}In(71.9 s)	
1299.90 *8*	99	^{114}Sb(3.49 m)	887.60(17.4), 327.18(7.0), 717.30(4.6)
1299.9 *3*	0.044 *6*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
• 1299.9 *4*	0.0056 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1299.93 *13*	0.017 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1300.0 *2*	0.40 *4*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
1300.0 *12*	0.26 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1300.02 *11*	0.77 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1300.09 *6*	†30.6 *16*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1300.1 *3*	0.32 *7*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1300.1 *10*		^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1300.16 *6*	0.271 *19*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
• 1300.233 *10*	0.024 *8*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1300.25 *6*	2.43 *19*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1300.3 *4*	†0.32 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1300.3 *2*	0.5	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1300.4 *6*	0.0044 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1300.4 *3*	0.20 *4*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1300.41 *6*	0.52 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1300.42 *6*	1.62 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1300.5 *8*	0.155 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1300.5 *4*	†4.3 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1300.5 *3*	0.14 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1300.6 *5*	0.025 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1300.6 *3*	0.083 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1300.6 *2*	3.78 *24*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1300.7 *6*	0.51 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1300.7 *6*	†0.27 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1300.7	†2.0	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1300.725 *16*	1.33 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1300.8 *8*	0.27 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1300.83 *5*	3.20 *5*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1300.83 *5*	0.75 *11*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1301.0 *4*	†14 *2*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
1301.0 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1301.07 *20*	†2.3 *5*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1301.10 *11*	0.69 *4*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1301.1 *5*	0.28	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1301.1 *8*	0.234 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1301.11 *14*	3.6 *5*	^{122}In(10.8 s)	1140.55(100), 1001.58(98.4), 103.74(81)
1301.12 *11*	0.08	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1301.2 *3*	0.034	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1301.2 *3*	0.11 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1301.2 *10*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1301.2 *2*	0.018 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1301.2 *3*	0.0098 *10*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1301.234 *18*	1.31 *6*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1995.06(1.22)
1301.3 *7*	1.8 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1301.30 *20*	0.42 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1301.3 *2*	†0.56 *20*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1301.3 *4*	0.09	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1301.33 *5*	0.154 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1301.46 *7*	14.78 *20*	^{59}Cu(81.5 s)	877.97(11.40), 339.411(7.97), 465.02(5.87)
1301.5 *2*	0.73 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1301.5 *3*	0.32 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1301.53 *25*	†0.36 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1301.56 *5*	0.078 *8*	^{155}Sm(22.3 m)	104.3346(74.6), 245.771(3.7), 141.4428(1.98)
1301.565 *25*	0.11 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1301.62 *16*	0.054 *6*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1301.68 *14*	0.153 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1301.7	52 *5*	^{39}S(11.5 s)	1696.5(44), 394.8(37), 874.6(12.8)
1301.7 *9*	0.07 *5*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1301.7 *5*	0.37 *16*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1301.7 *2*	†6.7 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1301.8 *4*	0.242 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1301.9 *3*	0.077 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1301.9 *4*	0.66 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1301.9 *3*	0.22 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1301.96 *20*	1.64 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
• 1302	>1.9×10^{-5}	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1302 *1*	0.044 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1302 *1*	0.34	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1302.04 *6*	0.0648 *12*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1302.1	0.110 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1302.2 *3*	0.19 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1302.2 *7*	0.23 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
• 1302.2 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1302.25 *5*	2.13 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 1302.29 *8*	0.264 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1302.3 *2*	0.0053 *6*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1302.3 *2*	0.33 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1302.3 *4*	0.15 *3*	^{191}Au(3.18 h)	586.45(17), 277.88(7.2), 674.19(6.8)
1302.34 *14*	†3.9 *6*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1302.4 *2*	†8.0 *12*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1302.4 *4*	0.041 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1302.459 *20*	3.98 *8*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 607.220(3.74)
1302.5	0.09	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1302.5 *10*	0.09 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1302.6 *4*	1.34 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1302.6 *6*	1.30 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1302.6 *1*	0.541 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1302.64 *7*	4.42	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1220.07(3.5)
1302.7 *3*	0.100 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1302.8 *4*	0.074 *25*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1302.8 *2*	†0.55 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1302.89 *16*	0.119 *15*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1302.9 *5*	1.27 *8*	^{117}I(2.22 m)	325.9(75), 274.4(20.4), 661.5(5.1)
1302.9 *5*	†0.55 *7*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1302.9 *2*	†267 *67*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1302.90 *22*	0.00045 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1302.92 *8*	0.80 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1303 *1*	0.033 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1303.0 *7*	0.31 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1303.0 *3*	0.067 *6*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1303 *2*	0.50 *20*	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
1303.05 *17*	0.018 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1303.09 *24*	0.066 *24*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1303.1 *2*	†1.55 *18*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1303.1 *10*	0.202 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1303.20 *3*	1.80 *11*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1303.2 *4*	0.39 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1303.20 *11*	0.0086 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1303.25 *25*	0.88 *5*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1303.27 *3*	18.4 *4*	^{117}Cd(2.49 h)	273.349(28), 344.459(17.9), 1576.62(11.19)
1303.29	0.49	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1303.30 *30*	0.11 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1303.3 *3*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1303.30 *15*	0.37 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1303.36 *3*	0.117 *4*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1303.4 *3*	0.094 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1303.4 *5*	0.071 *9*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1303.4 *3*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1303.5 *4*	0.042 *7*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
• 1303.5 *2*	0.059 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1303.53 *12*	0.37 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1303.6 *4*	0.050 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1303.7 *2*	0.008 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1303.76 *8*	0.11 *3*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1303.8 *6*	0.045 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1303.8 *4*	0.131 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1303.80 *12*	0.197 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1304.0 *3*	†2.4 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1304.01 *4*	2.78 *15*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1304.05 *4*	0.174 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1304.1 *5*	5	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1304.2 *8*	†16.0 *24*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
1304.28 *13*	1.25 *8*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1304.3 *3*	0.038 *4*	^{249}Es(102.2 m)	379.5(40.4), 813.2(9.2), 375.1(3.3)
1304.5 *3*	0.29 *3*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1304.53 *25*	0.15 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1304.6 *23*	†4	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1304.6 *4*	0.15 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1304.6 *3*	0.0027 *3*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1304.6 *3*	0.19 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1304.69 *30*	0.00485 *20*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1304.7 *2*	0.55 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1304.7 *2*	†7	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1304.7 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1304.79 *66*	0.060 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1304.8	0.11	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1304.8 *9*	0.82 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
• 1304.85 *20*	0.099 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1304.9 *20*	0.6 *3*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1304.9 *5*	0.57 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1304.9 *1*	0.033 *5*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1305.0 *3*	7	^{87}Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
1305 *1*	0.010 *10*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1305.0 *2*	0.15 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1305.0 *2*	†0.41 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1305.0 *3*	0.60 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1305.1 *3*	1.79 *11*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1305.1 *2*	1.83 *19*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1305.1 *2*	1.2	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1305.1 *3*	1.8 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1305.11 *9*	0.34 *3*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1305.18 *11*	0.013 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1305.20 *20*	0.00133 *14*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1305.23 *2*	5.76 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1305.3 *1*	0.017 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1305.3 *1*	4.9 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1305.3 *6*	>0.41	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1305.40 *30*	0.26 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1305.46 *10*	0.67 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1305.5		^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 1564.3(4.9)
1305.5 *4*	†1.9 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1305.553 *13*	0.65 *4*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1305.6 *5*	7.0 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1305.6 *2*	0.101 *15*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1305.7 *4*	2.3 *7*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1305.7 *4*	0.047 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1305.8 *3*	0.058 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1305.8 *2*	0.023 *6*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1305.81 *9*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1305.9 *4*	0.62 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1306.0 *6*	0.27 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1306.0 *5*	0.49 *12*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1306.04 *4*	0.276 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1306.09 *11*	0.122 *11*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1306.1 *4*	0.88 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1306.2 *10*	0.089 *22*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1306.2 *4*	0.11 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1306.25 *6*	0.085 *4*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1306.30 *20*	0.493 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1306.31 *5*	0.198 *3*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1306.38 *8*	2.25 *7*	^{202}Au(28.8 s)	439.59(10.0), 1125.20(2.30), 1203.7(2.01)
1306.4 *8*	0.10 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1306.4 *3*	†0.81 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1306.4		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1306.4 *4*	0.0062 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1306.43 *5*	0.64 *5*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1306.5 *4*	0.99 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1306.52 *18*	†5.7 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1306.6 *2*	†5.1 *7*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1306.7 *2*	0.112 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1306.8 *4*	0.126 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1306.8 *2*	>0.00032	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1306.85 *5*	0.240 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1306.89 *6*	1.76 *8*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1306.9 *5*	0.11 *3*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1306.9 *3*	0.44 *9*	^{170}Ho(2.76 m)	258.2(37.0), 931.3(36.1), 181.6(23.8)
1306.9 *3*	†3.8 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1306.92 *19*	0.115 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1307.0 *5*	0.74 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1307.0 *7*	0.0007 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1307 *1*	0.11	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1307.1 *6*	0.11 *3*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1307.1 *5*	0.44 *5*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
• 1307.17 *15*	0.0032 *3*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1307.17 *15*	0.0043 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1307.18 *5*	0.74 *7*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1307.2 *5*	0.11 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1307.2 *2*	0.54 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1307.2 *2*	0.39 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1307.2 *2*	1.44 *13*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
• 1307.20 *5*	0.112 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1307.2 *4*	0.27 *22*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1307.26 *11*	0.175 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1307.3 *5*	0.008 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1307.3 *3*	0.058 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1307.3 *10*	0.97 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1307.4 *3*	4.9 *6*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
1307.4 *3*	0.28 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1307.4 *6*	0.19 *5*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1307.49 *11*	0.99 *10*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1307.53 *15*	0.37 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1307.54	0.17	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1307.55 *10*	1.08 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1307.6	0.0010 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1307.6 *10*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1307.6 *5*	0.40 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1307.60 *8*	1.07 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
• 1307.64 *15*	0.150 *21*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1307.8 *3*		^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
• 1307.97	0.116 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1307.980 *34*	0.0094 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1308 *1*	0.185 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1308.0 *3*	0.34 *10*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1308.0 *3*	0.90 *24*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1308.0 *6*	†1.5 *3*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
1308.01 *6*	0.0643 *11*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1308.1 *2*	0.0069 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1308.1 *7*	0.09 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1308.13 *20*	0.09 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1308.13 *6*	0.432 *25*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1308.26 *18*	0.00130 *14*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1308.26 *18*	0.144 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1308.27 *10*	0.00293 *20*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1308.3 *5*	0.108 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1308.30 *12*	0.06	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1308.3 *2*	†100 *5*	^{194}Bi(106 s)	671.8(†55), 965.4(†41), 773.5(†31)
1308.3 *2*	†0.31 *6*	^{194}Bi(92 s)	965.4(†100.0), 575.1(†98.0), 280.1(†73.7)
1308.4 *3*	0.35 *18*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1308.4 *6*	0.47 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1308.4 *3*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1308.41 *8*	0.55 *3*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1308.5 *3*	0.025 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1308.5 *2*	3.0 *15*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1308.5 *4*	0.027 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1308.5 *5*	0.42 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1308.59 *4*	13.0 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 828.189(8.1)
1308.59 *4*	0.0435 *14*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1308.60 *9*	0.40 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 1308.675 *23*	0.893 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1308.7 *5*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1308.7 *2*	0.0093 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1308.7 *3*	0.22 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1308.70 *15*	0.035 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1308.7 *5*	0.047 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1308.7 *3*	1.40 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1308.72 *22*	0.74 *6*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1308.73 *20*	0.42 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1308.8 *3*	0.34 *10*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1308.8 *7*	0.047 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1308.8 *5*	1.9 *4*	^{176}Re(5.3 m)	240.17(48), 109.08(25.0), 848.7(4.0)
1308.9 *2*	0.0043 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1308.9 *3*	1.42 *14*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1308.9 *3*	0.068 *14*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1308.9 *2*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1308.9	†11.5	^{107}Mo(3.5 s)	400.3(†100), 65.7(†>92), 384.4(†57.6)
1308.9 *3*	0.42 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1308.95 *16*	0.24 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1309		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1309 *1*	>0.06	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1309.05 *22*	0.117 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1309.05 *22*	0.78 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1309.08 *10*	6.4 *6*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1309.1 *2*	87	^{94}Rb(2.702 s)	836.9(87.10), 1577.5(31.8), 1089.4(17.1)
1309.1 *2*	0.12	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 845(0.12)
1309.2 *2*	†4.7 *16*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1309.2 *3*	†<28	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1309.2 *3*	>0.17	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1309.27 *3*	0.486 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1309.29 *5*	0.0022 *6*	^{20}O(13.51 s)	1056.818(99.979), 3488.16(0.017), 2431.48(0.0059)
1309.3 *3*	0.47 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1309.4 *8*	0.09 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1309.4 *8*	0.330 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1309.4	0.23 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1309.51 *21*	0.104 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1309.6 *10*	0.55 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1309.6 *5*	0.8 *5*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1309.68 *10*	0.277 *16*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1309.68 *9*	0.69 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1309.7 *2*	0.20 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1309.7 *4*	0.11 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
• 1309.778 *16*	0.475 *11*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1309.89 *26*	0.39 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1309.9 *6*	0.13 *5*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1310	†1.6	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1310.0 *4*	0.45 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1310	0.013 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1310.030 *8*	6.0×10^{-5} *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1310.05 *4*	1.40 *5*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1269.34(0.93)
1310.05 *4*	0.0413 *14*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1310.1 *2*	0.51 *6*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1310.1 *6*	1.12 *15*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1310.1 *2*	0.121 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1310.1 *3*	0.061 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1310.2 *2*	0.16 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1310.3 *3*	0.132 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1310.31 *5*	0.099 *4*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1310.40 *12*	0.137 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1310.4 *4*	†6	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1310.5 *4*	2.51 *14*	^{30}Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
1310.5 *2*	0.936 *16*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1310.5 *6*	†0.30 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1310.5 *4*	0.08 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1310.5 *11*	†1.5 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1310.6 *3*	0.28 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1310.6 *2*	0.0159 *8*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1310.6 *10*	0.00040	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1310.6 *1*	0.336 *18*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1310.7 *3*	0.115 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1310.7 *13*	0.06 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1310.80 *20*	0.38 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1310.8 *7*	0.53 *8*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1310.84 *20*	0.009 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1310.9 *3*	†1.2 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1310.9 *3*	0.25 *4*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1310.9	0.9	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1310.9 *10*	0.29 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1310.92 *33*	0.16 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1311 *1*	0.011	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1311.0 *3*	1.54 *17*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1311.0 *8*	0.67 *17*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1311 *1*	0.22	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1311.0 *4*	†10	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1311.0 *6*	0.056 *19*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1311.07 *24*	0.085 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1311.1 *3*	0.12	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 1311.13 *7*	0.066 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1311.2 *10*	0.008 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1311.2	0.66 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1311.2 *6*	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1311.21 *10*	0.16 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1311.23 *7*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1311.23 *7*	1.1 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1311.28 *10*	0.39 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1311.3 *3*	0.53 *4*	^{188}Hg(3.25 m)	66.7(63), 190.1(4.40), 82.7(2.6)
1311.34 *21*	0.44 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 1311.36 *5*	0.0110 *5*	^{171}Lu(8.24 d)	739.78(47.8), 19.394(13.7), 667.404(11.04)
1311.37 *10*	0.325 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1311.4 *1*	0.8	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1311.4 *2*	0.102 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1311.4 *5*	0.19 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1311.4 *3*	0.11 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1311.4 *3*	†0.49 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1311.5 *5*	1.15 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1311.5 *2*	0.15 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1311.6 *3*	3.3 *8*	^{163}Gd(68 s)	287.79(25), 214.0(11.5), 1562.1(9.0)
1311.66 *7*	1.83 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1311.7 *5*	0.022 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1311.7 *2*	0.051 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1311.7		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1311.8 *4*	0.30 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1311.8 *3*	8.9 *8*	^{148}Er(4.6 s)	244.0(7.1), 315.3(6.9), 609.5(5.8)
1311.85 *15*	0.174 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1311.9 *3*	7.6 *10*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
1312		^{55}V(6.54 s)	517.71(73), 880.70(18.1), 921.10(4.6)
• 1312.0 *2*	0.00090 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1312 *1*	0.7 *3*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1312.0 *10*	0.023 *7*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1312.0 *7*	†17 *7*	^{134}Pr(11 m)	293.5(†100), 299.0(†100), 1196.8(†100)
• 1312.01 *17*	0.122 *14*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1312.08 *12*	0.222 *17*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
• 1312.096 *6*	100.1 *5*	^{48}Sc(43.67 h)	983.517(100.1), 1037.599(97.6), 175.361(7.48)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1312.096 *6*	97.5 *8*	^{48}V(15.9735 d)	983.517(99.98), 944.104(7.76), 2240.375(2.41)
1312.12 *11*	0.14 *1*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1312.13 *6*	0.0073 *10*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 1312.14 *4*	2.833 *12*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1312.14 *4*	†2.09 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1312.18 *5*	0.651 *20*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1312.2 *2*	4.7 *5*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1312.22 *6*	0.180 *9*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1312.28 *23*	†63 *13*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1312.29 *15*	1.20 *13*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1312.29 *15*	0.005 *4*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1312.29 *6*	†21.4 *12*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1312.32 *10*	0.063 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1312.371	0.251 *6*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
1312.38 *12*	0.10 *3*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1312.5 *3*	0.10 *4*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1312.6 *8*	1.09 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1312.6 *1*	0.328 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1312.62 *9*	†2.96 *21*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1312.80 *3*	0.358 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1312.8 *3*	0.85 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1312.81 *11*	0.61 *8*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1312.88 *19*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1312.90 *30*	0.314 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1312.9 *7*	0.45 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1312.95 *6*	0.00148 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1313.00 *4*	6.63 *23*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1313 *1*	0.088 *17*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1313.02 *1*	67	^{136}I(83.4 s)	1321.08(24.8), 2289.6(10.4), 2414.6(6.8)
1313.02 *1*	100	^{136}I(46.9 s)	381.359(100), 197.316(78), 369.813(17.5)
• 1313.03	0.045 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1313.07 *12*	0.13 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1313.1 *2*	0.64 *10*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1313.10 *17*	0.429 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1313.2 *7*	0.53 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1313.37 *3*	0.214 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1313.44 *14*	0.294 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1313.59 *15*	0.18 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1313.6 *3*	0.091 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1313.65 *22*	0.23 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1313.70 *10*	0.275 *20*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1313.7 *3*	7.8 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
1313.7 *5*	0.087 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1313.773 *15*	0.33 *5*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
• 1313.773 *15*	0.0111 *8*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1313.88 *23*	0.0053 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1313.9 *9*	0.026 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1314.0 *2*	0.144 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1314.0 *5*	0.059 *9*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1314.0 *5*	†0.8 *4*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1314.00 *6*	1.7 *5*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1314.1 *2*	0.19 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1314.1 *3*	0.0028 *12*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1314.19 *6*	0.037 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1314.2 *2*	0.18 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1314.2 *5*	0.104 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1314.21 *14*	†0.35 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1314.28 *25*	0.231 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1314.28 *10*	1.00 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1314.3 *4*	0.101 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1314.35 *9*	0.60 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1314.4 *2*	†80.6 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1314.46 *15*	1.7 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1314.5 *6*	0.08 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1314.5 *3*	0.49 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1314.51 *20*	0.68 *13*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1314.6 *3*	0.57 *5*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1314.6 *3*	0.124 *24*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1314.64 *4*	0.0078 *9*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1314.67 *1*	0.956 *15*	^{152}Eu(9.274 h)	344.281(2.44), 970.38(0.604), 271.135(0.076)
1314.67 *1*	†34 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1314.68 *74*	0.09 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1314.71 *6*	0.59 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1314.73 *5*	4.5 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1314.8 *6*	4.5	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1315.0 *10*	0.052 *15*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1315.0 *10*	0.016 *5*	^{103}Tc(54.2 s)	346.380(17.5), 136.079(16.6), 562.90(7.0)
1315.05 *10*	8.2 *8*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 621.874(8.0)
1315.10 *20*	0.020 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1315.1 *7*	0.35	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
• 1315.16 *8*	0.91 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1315.18 *10*	6.7 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
• 1315.2 *2*	0.034 *4*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1315.2 *3*	0.811 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1315.27 *20*	0.137 *10*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1315.3 *7*	0.050 *10*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1315.34 *10*	0.015 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1315.4 *4*	0.56 *10*	^{116}Sb(60.3 m)	1293.54(100), 972.550(72), 542.872(52)
1315.41 *29*	0.32 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1315.5 *8*	0.13 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1315.5 *4*	0.085 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1315.54 *17*	0.59 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1315.6 *8*	0.0170 *17*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1315.6 *2*	0.55 *7*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1315.64 *10*	0.38 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1315.70 *20*	0.00347 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1315.7 *6*	0.8 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1315.77 *11*	0.066 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1315.8 *1*	12.7 *10*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
1315.80 *17*	0.008 *3*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1315.9 *3*	0.116 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1315.92 *10*	†0.91 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1316.0 *5*	0.28 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1316.0 *4*	0.03 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1316.0 *3*	0.00058 *17*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1316 *13*	21 *5*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1210(17)
1316.1 *2*	0.18 *6*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1316.1 *3*	0.63 *10*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1316.1 *2*	†4.5 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1316.2 *2*	0.13 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1316.2	0.15 *5*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1316.28 *4*	0.157 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1316.3	†8	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
1316.3 *4*	0.0034 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1316.3 *2*	0.148 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1316.36 *7*	2.92 *14*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1316.4 *2*	7.09 *10*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
1316.4 *4*	0.151 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1316.4 *4*	0.015 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 1316.4	0.018 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1316.4 *3*	0.99 *9*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1316.56 *23*	0.220 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1316.69 *18*	0.44 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1316.70 *10*	17.3 *11*	^{72}Br(78.6 s)	862.03(70), 454.70(13.1), 2371.9(7.5)
1316.7 *3*	0.028 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1316.70 *51*	<0.022	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1316.7 *4*	1.07 *10*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1316.9 *4*	1.3 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1316.9 *2*	8.8 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1316.96 *15*	0.089 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1317.0 *3*	3.01 *21*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1317.0 *5*	0.15 *5*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1317.0 *8*	0.12 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1317.05 *21*	3.99 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
• 1317.1 *10*	0.0029 *14*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1317.1 *5*	1.71 *25*	^{84}As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
1317.2 *10*	0.34 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1317.24 *5*	0.0230 *15*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1317.3 *5*	0.086 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
• 1317.3 *13*	0.048 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1317.3 *6*	0.088 *10*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1317.33 *12*	0.0017 *8*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1317.38 *6*	0.79 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1317.4 *2*	†0.27 *13*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1317.41 *11*	0.075 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 1317.473 *10*	26.48 *25*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1317.473 *10*	0.00111 *5*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1317.473 *10*	23.7 *6*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1317.5 *4*	0.017 *17*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1317.54 *24*	0.051 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1317.59 *25*	0.77 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1317.6 *8*	0.078 *10*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1317.6 *3*	0.36 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1317.6 *2*	†0.55 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1317.7 *1*	1.16	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1317.75 *21*	0.0065 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1317.8 *3*	1.1 *4*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1317.8 *5*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1317.8 *8*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1317.81 *9*	0.206 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
• 1317.853 *13*	0.143 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1317.868 *11*	0.176 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1317.90 *5*	0.213 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1317.90 *5*	0.72 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1317.9 *6*	1.3 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1317.927 *7*	0.118 *15*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
• 1317.927 *7*	0.585 *20*	^{132}Cs(6.479 d)	667.718(98), 630.19(0.95), 505.79(0.73)
1318 *3*	†1.23 *9*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1318 *1*	0.11 *5*	^{109}Rh(80 s)	326.868(54), 426.135(7.7), 178.034(7.6)
1318.0 *4*	†0.6 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1318.0 *3*	0.59 *8*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1318.0 *5*	†2.1 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1318.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1318.1	0.39 *5*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1318.20 *5*	1.27 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1318.2 *3*	†9.2 *15*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1318.2 *4*	0.111 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1318.2	0.30	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1318.28 *47*	0.12 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1318.296 *10*	0.09	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
• 1318.296 *10*	0.035 *3*	^{174}Lu(3.31 y)	76.471(5.9), 1241.847(5.14), 1065.04(0.0164)
• 1318.3 *2*	0.051 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1318.3 *1*	0.126 *14*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1318.341 *26*	1.54 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1318.38 *14*	0.92 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1318.42 *6*	5.54 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1318.5	1.30	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
• 1318.53 *12*	0.129 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1318.6 *5*	0.21 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1318.6	†50	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 920.5(†100)
1318.6 *9*	†1.7 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
• 1318.68 *13*	0.649 *25*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1318.8 *3*	0.105 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1318.8 *10*	0.20 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1318.86 *18*	0.011 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1318.9 *6*	1.12 *17*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1318.91 *16*	0.0011 *3*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1319.0 *3*	†376 *71*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1319.02 *15*	0.09	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1319.02 *18*	1.80 *9*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1319.3 *3*	3.8	^{162}Ho(15.0 m)	80.660(8.0), 1372.8(0.81), 1187.7(0.546)
1319.33 *32*	0.104 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1319.45 *25*	0.17 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1319.52 *5*	1.9	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1319.66 *3*	0.301 *7*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1319.7 *2*	†0.44 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1319.7 *3*	0.25 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1319.7 *20*	0.028 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1319.7 *9*	0.256 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1319.79 *4*	0.00226 *25*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1319.95 *12*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1320.0 *2*	2.54 *16*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1320 *2*	1.1 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1320 *1*	0.16 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1320.09 *7*	0.20 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1320.12 *42*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1320.20 *20*	0.9 *3*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1320.24 *2*	0.0695 *10*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1320.3 *3*	0.055 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1320.3 *4*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1320.4 *6*	0.025 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1320.4 *5*	0.6 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1320.5 *4*	0.2 *1*	^{150}Er(18.5 s)	475.8(100), 130.0(2.6), 1014.0(0.9)
1320.5 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1320.6 *4*	0.37 *9*	^{85}Y(2.68 h)	231.67(84), 504.45(60), 913.93(9.0)
1320.7 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1320.701 *28*	0.0820 *21*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1320.8 *4*	0.73 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1320.9	0.20	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1320.9	0.011 *5*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1320.9 *4*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1320.9 *1*	0.0125 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1320.9 *7*	0.74 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1321 *1*	0.0005 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1321.0	1.9	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1321.08 *10*	24.8 *17*	^{136}I(83.4 s)	1313.02(67), 2289.6(10.4), 2414.6(6.8)
1321.1 *15*	6.0 *12*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1321.1 *2*	0.213 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1321.1 *4*	0.16 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1321.1 *3*	0.18 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1321.1 *1*	0.034 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1321.17 *20*	†45	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1321.2 *2*	1.17 *5*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
1321.2 *2*	0.61 *4*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1321.24 *7*	2.57 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1321.26 *10*	0.203 *24*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1321.3 *7*	>0.0013	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1321.3 *2*	11.9 *7*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 331.1(9.7)
1321.3 *2*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1321.4 *1*	0.0025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1321.5 *8*	1.9 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1321.5 *8*	0.15 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1321.5	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 1321.53 *16*	0.077 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1321.6 *4*	0.71 *19*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
• 1321.6 *4*	†0.05 *2*	^{136}Cs(13.16 d)	818.514(†100), 1048.073(†80), 340.547(†42.3)
1321.7 *4*	†0.62 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1321.77 *6*	0.270 *15*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
• 1321.912 *27*	0.173 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1322.0 *2*	1.9 *19*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1322.0 *4*	†0.6 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1322.0 *5*	0.050 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1322.1 *3*	0.44 *11*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1322.1 *5*	0.25 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1322.1 *1*	0.71 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1322.2 *10*	0.11 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1322.2 *10*	0.06 *4*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1322.2 *3*	†2.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1322.23 *17*	0.30	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1322.30 *9*	0.23 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1322.3 *3*	1.87 *18*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1322.3 *4*	0.11 *4*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1322.4 *3*	0.10 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1322.4 *4*	0.085 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1322.5 *8*	0.30 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1322.5 *5*	†1.6 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1322.5 *5*	2.18 *20*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1322.54 *4*	0.44 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1322.60 *20*	0.69 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
• 1322.66 *9*	0.100 *9*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1322.7 *1*	0.088 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1322.76 *7*	0.264 *8*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1310.31(0.099)
• 1322.90 *20*	0.0105 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1322.9 *3*	0.27 *3*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1322.93 *11*	0.0114 *25*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1322.93 *11*	0.40 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1323 *2*	0.37	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
• 1323.00 *20*	0.175 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1323.0 *6*	0.041 *19*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1323.09 *5*	6.44 *18*	^{58}Mn(65.3 s)	810.764(<0.026), 459.160(21.4), 863.935(14.8)
1323.1 *2*	9	^{120}Ag(1.23 s)	505.9(71), 697.8(30), 817.1(11)
1323.1 *5*	0.4 *2*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1323.12 *15*	0.20 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1323.2 *6*	0.38 *9*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1323.2 *5*	0.33 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1323.2 *5*	0.061 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1323.3	0.13	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1323.3 *1*	0.56 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1323.32 *10*	0.0162 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1323.35 *65*	0.092 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1323.35 *13*	0.48 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1323.39 *5*	0.190 *15*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1323.4 *2*	0.69 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1323.4	0.13	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1323.4 *3*	0.094 *13*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
1323.5 *4*		^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
• 1323.5 *4*	0.46 *8*	^{102}Rh(2.9 y)	475.070(95), 631.28(55.9), 697.49(43.9)
1323.5 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1323.5 *3*	0.30 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1323.5 *3*	1.64 *18*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1323.57 *12*	0.80 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1323.6 *3*	0.19	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1323.6 *3*	1.34 *25*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1323.62 *8*	1.19 *12*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1323.64 *18*	0.091 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1323.65 *6*	0.270 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1323.7 *2*	14	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1323.7 *12*	0.35 *9*	^{70}Se(41.1 m)	49.51(35.8), 426.15(29), 376.65(9.43)
1323.7 *3*	1.51 *13*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1323.7 *4*	1.08 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1323.7 *4*	0.50 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1323.77 *11*	†0.86 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1323.77 *8*	0.025 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1323.8	0.97 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1323.80 *9*	†1.04 *10*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1323.81 *20*	0.0076 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1323.9 *3*	0.033 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 1323.913 *20*	0.0210 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1323.99 *10*	0.262 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1324 *2*	0.044 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1324.0 *3*	0.087 *9*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1324.0 *3*	4.91 *22*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1324.00 *22*	0.014 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1324.1 *2*	0.467 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1324.21 *6*	0.326 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1324.22 *18*	0.55 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1324.28 *7*	3.08 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1324.3 *5*	†0.14 *7*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1324.30 *18*	0.22 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 1324.30 *18*	0.48 *7*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1324.38 *2*	0.207 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1324.4 *2*	0.0076 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1324.45 *20*	0.204 *8*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
• 1324.48 *3*	0.00158 *4*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
• 1324.50 *20*	0.23 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1324.5 *4*	0.42 *9*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1324.51 *6*	17.5 *7*	^{150}Pm(2.68 h)	333.971(68), 1165.739(15.8), 831.92(11.9)
1324.6 *5*	1.8	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1324.6 *5*	0.080 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1324.7 *4*	0.112 *16*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1324.7 *3*	0.75 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1324.7 *10*	0.22 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1324.7 *4*	0.0014 *5*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1324.77 *15*	1.4 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1324.8 *7*	0.054 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1324.8 *3*	0.076 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1324.8 *6*	0.023 *7*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1324.9 *5*	0.44	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1324.9 *4*	1.17 *9*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1324.95 *8*	1.25 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1324.98 *4*	0.16 *4*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1325.0 *5*	0.84 *11*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1325.0 *4*	0.37 *8*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1325.0 *3*	0.040 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1325.0 *10*	†0.9 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 1325.1 *1*	0.86 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1325.1 *4*	0.40 *14*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1325.15 *6*	†175 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1325.2 *3*	0.35 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1325.2	0.29	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1325.2 *5*	6.1 *3*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1325.2		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 1325.4 *2*	0.126 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1325.5 *1*	0.011 *4*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1325.5 *1*	0.31 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1325.5 *2*	0.50 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1325.5	0.09 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1325.50 *20*	2.14 *23*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1325.5 *7*	0.34 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1325.512 *5*	1.62 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1325.512 *5*	1.43 *5*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1325.52 *10*	0.408 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1325.6 *6*	0.50 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1325.65 *15*	0.26 *5*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1325.67 *13*	0.081 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1325.7 *3*	0.18 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1325.8 *2*	1.39 *17*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1325.8 *4*	8.4×10^{-5} *13*	^{107}Cd(6.50 h)	93.124(1.45), 828.93(0.17), 796.462(0.0665)
1325.8 *2*	†21.5 *15*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1325.8 *3*	0.37 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1325.9 *5*	0.64 *15*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1325.9 *10*	0.52 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1325.9 *3*	0.036 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1325.91 *8*	†1.25 *11*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1326 *1*	0.09	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1326	†0.04 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1326.01 *30*	0.00059 *22*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1326.05 *8*	0.0383 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1326.1 *5*	0.68 *11*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1326.1 *3*	0.25 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1326.18 *7*	0.92 *5*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1326.22 *25*	0.100 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1326.46 *21*	0.00176 *22*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1326.46 *21*	0.092 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1326.46 *7*	12.92 *19*	^{142}Cs(1.70 s)	359.598(27.2), 966.89(9.0), 1175.93(4.16)
1326.48 *9*	0.40 *5*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1326.5 *3*	0.0026 *7*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1326.6 *3*	0.79 *7*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1326.6 *3*	0.64 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
• 1326.6		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1326.6 *7*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1326.7	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1326.8 *4*	0.25 *3*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1326.8 *3*	0.0098 *24*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1326.8 *3*	0.54 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1326.83 *5*	22.7 *13*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1098.64(16.3)
• 1326.85 *3*	0.6	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1326.85 *3*	0.11	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1326.85 *4*	0.0027 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1327.0 *2*	0.018 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1327.03 *8*	0.069 *4*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1327.1 *3*	†2.8 *10*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1327.1 *4*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1327.20 *17*	0.047 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1327.2	>0.00043	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1327.3 *3*	0.32 *17*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1327.3 *6*	0.13 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1327.38 *20*	0.008	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1327.4 *1*	0.040 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1327.46 *10*	0.58 *5*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1327.48 *7*	0.200 *15*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1327.5 *5*	0.09 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1327.5 *3*	0.023 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1327.5 *10*	0.12 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1327.6 *3*	0.60 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1327.6 *4*	0.069 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1327.6 *4*	0.144 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1327.6 *3*	0.145 *13*	^{186}Hg(1.38 m)	112.1(63), 251.5(55), 191.6(3.7)
1327.9 *3*	1.58 *20*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1327.98 *6*	0.0293 *25*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
• 1327.98 *5*	0.0133 *19*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1328	6	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1328.03 *18*	†3.3 *6*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1328.09 *19*	0.10 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1328.13 *8*	0.40 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1328.14 *15*	0.87 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1328.2 *3*	5.6 *17*	^{53}Co(240 ms)	
1328.2 *11*	0.30 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1328.22 *8*	0.28 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1328.29 *18*	0.10 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1328.3 *5*	0.79 *17*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1328.3 *3*	0.18 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1328.40 *20*	2.55 *11*	^{91}Tc(3.3 m)	502.90(51.4), 927.60(3.79), 1362.00(2.5)
1328.4 *1*	0.173 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1328.5	0.071 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 1328.504 *15*	1.32 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1328.8 *6*	0.28 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1328.80 *49*	0.084 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1328.9 *10*	2.4 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1328.9 *2*	0.58 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1328.9 *2*	0.0090 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1328.95 *50*	0.058 *16*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1329.0 *3*	†3.5 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 1329.1	0.22 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1329.2	0.22	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1329.3 *8*	†0.39 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1329.3 *5*	0.25 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1329.33 *5*	0.0085 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1329.36 *8*	0.37 *3*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1329.5 *4*	0.08 *7*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1329.5 *2*	0.058 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1329.5 *7*	0.29 *9*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1329.6 *10*	2.0 *3*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1329.6 *3*	0.068 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1329.6 *4*	0.20 *5*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1329.61 *18*	†7.0 *11*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1329.7 *6*	2.9 *7*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
• 1329.72 *7*	0.035 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1329.75 *21*	†2.9 *6*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1329.85 *11*	0.020 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1330.0		^{120}Ag(1.23 s)	505.9(71), 697.8(30), 817.1(11)
1330.0		^{120}Ag(0.32 s)	697.8(†51), 505.9(†51), 925.8(†36)
1330.0 *5*	0.31	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1330 *2*	0.53 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1330.0 *7*	0.09 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1330.0 *6*	0.011 *5*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1330.2 *4*	0.25 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1330.2 *5*	0.20 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1330.3 *5*	1.0 *3*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1330.3 *4*	†14	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1330.3 *5*	>0.28	^{180}Ir(1.5 m)	276.4(56), 132.2(38.1), 699.0(13.4)
• 1330.33 *20*	0.041 *15*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1330.40 *30*	0.062	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1330.41 *6*	6.76 *23*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1330.43 *15*	0.14 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1330.5 *10*	>0.20	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1330.5 *6*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1330.50 *15*	0.024 *16*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 1330.65 *30*	0.0358 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1330.77 *15*	0.32 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1330.8 *5*	0.523 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1330.8 *6*	0.059 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
• 1330.962 *20*	0.38 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1331.00 *20*	6.8 *5*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1331.0 *2*	2.7 *3*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1331.0 *5*	†2.3×10^3 *8*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
1331.08 *18*	0.07 *4*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1331.1 *12*	†94	^{178}Os(5.0 m)	968.7(†100), 594.6(†72), 685.0(†65)
1331.2 *4*	3.1 *9*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1331.2 *4*	2.9 *8*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
• 1331.24 *20*	0.0037 *4*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1331.28 *38*	0.104 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1331.3 *3*	†1.24 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1331.324 *15*	0.00079 *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1331.4 *3*	9.4 *12*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
1331.416 *16*	0.0066 *3*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1331.44 *5*	6.5 *6*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
• 1331.526 *23*	0.0787 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1331.55 *3*	0.084 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1331.6 *8*	0.015 *9*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1331.6 *4*	0.61 *15*	^{96}Sr(1.07 s)	122.297(76.50), 809.401(71.9), 931.7(11.8)
1331.63 *12*	0.18 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1331.7 *3*	1.9 *5*	^{152}Ho(49.5 s)	647.2(92), 613.8(88.4), 683.3(88)
1331.7 *3*	4.5	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1331.78 *22*	1.17 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1331.8 *8*	2.5	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1331.8 *4*	0.84 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1331.81 *11*	7.0 *4*	^{187}Au(8.4 m)	1408.23(3.06), 914.73(3.02), 1266.50(2.41)
1331.84 *8*	0.66 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1331.9 *2*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1331.95 *4*	0.00172 *20*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1331.95 *4*	0.47 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
• 1331.997 *13*	0.329 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1332.0	†5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1332.1 *2*	0.5 *2*	^{30}Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
1332.12 *7*	1.74 *9*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1332.13 *7*	0.130 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1332.14 *10*	1.60 *13*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1332.2 *5*	0.63 *13*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1332.2 *4*	1.07 *15*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1332.2 *1*	†100	^{151}Yb(1.6 s)	1050.2(†100), 1245.6(†100), 624.8(†100)
1332.2 *3*	†0.27 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1332.2 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
• 1332.21 *10*	0.43 *3*	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1332.27 *13*	0.162 *11*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1332.3 *3*	1.19 *10*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1332.3	0.015 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1332.3 *10*	0.15 *4*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
• 1332.33 *10*	0.282 *15*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1332.4 *4*	0.0129 *23*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1332.4 *4*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1332.5 *5*	0.5 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1332.5 *2*	†114 *24*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1332.5 *2*	0.0055 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
• 1332.501 *5*	99.9820 *10*	^{60}Co(5.2714 y)	1173.237(99.90), 346.93(0.0076), 826.06(0.0076)
1332.501 *5*	0.24	^{60}Co(10.47 m)	826.06(0.008), 2158.57(0.0007)
1332.501 *5*	88	^{60}Cu(23.7 m)	1791.6(45.4), 826.06(21.7), 1861.6(4.8)
1332.6 *10*	0.31 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1332.63 *12*	0.114 *15*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1332.7	0.14	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
• 1332.74	0.19 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1332.8 *3*	0.264 *17*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1332.87 *20*	0.00017	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
• 1332.9 *5*	0.19 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1332.90 *20*	0.0037 *16*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1332.9 *4*	0.12 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1332.9 *5*	†0.40 *16*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1332.97 *8*	1.06 *10*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1333.00 *6*	0.0028 *4*	^{66}Cu(5.088 m)	1039.30(7), 833.50(0.16), 1872.94(<0.0)
1333.00 *6*	1.203 *15*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1333 *1*	†1.1 *4*	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
1333.1 *4*	0.0299 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1333.10 *12*	0.114 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1333.1 *2*	0.037 *10*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1333.18 *22*	0.059 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1333.2 *2*	0.6 *1*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1333.2 *3*	†1.4 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1333.2 *5*	0.17 *9*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
1333.21 *2*	10.67 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 719.71(8.9)
1333.21 *15*	0.23 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1333.3 *9*	0.010 *9*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1333.384 *9*	0.054 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1333.4 *3*	0.52 *8*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1333.4 *3*	0.14 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1333.6 *5*	1.56 *18*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1333.6 *2*	0.69 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1333.6 *5*	0.18 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1333.649 *17*	0.588 *10*	^{52}V(3.75 m)	1434.068(100), 1530.67(0.116), 935.538(0.061)
• 1333.649 *17*	†5.07 *3*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1333.649 *17*	†0.031 *10*	^{52}Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1530.67(†0.0478)
1333.7 *5*	0.08 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 1333.8 *3*	0.071 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1333.9 *6*	†0.20 *6*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1334.0 *2*	0.168 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1334.0 *6*	0.7 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1334 *1*	0.045	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1334.03 *10*	3.3 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1334.060 *25*	0.413 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1334.09 *18*	5.6 *8*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
1334.2 *3*	2.1 *6*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1334.3 *3*	0.024 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1334.3 *3*	0.44 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1334.3 *7*	0.26 *8*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1334.3 *20*	0.8 *4*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 1334.340 *20*	0.140 *5*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1334.340 *20*	0.98 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1334.39 *7*	†3.43 *24*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1334.4 *4*	0.71 *19*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1334.4 *7*	0.069 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1334.40 *6*	0.31 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1334.46 *15*	2.539 *19*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1334.50 *10*	0.67 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1334.5 *2*	0.20 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1334.6 *7*	4.4 *9*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1334.7 *5*	0.038 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1334.74 *21*	0.0079 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1334.8 *2*	0.032 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1334.8 *3*	0.104 *15*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1334.9 *4*	†0.57 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1334.96 *4*	0.050 *14*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1334.99 *28*	†2.3 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1335 *2*	†1.7	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1335.04 *10*	71 *4*	^{125}In(2.36 s)	1031.75(9.6), 617.88(7.4), 744.62(5.2)
1335.4 *3*	0.13 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1335.4	0.68 *9*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1335.4 *5*	1.8 *5*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1335.45 *5*	1.242 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1335.49 *14*	0.42	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1335.589 *8*	0.125 *5*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1335.6 *4*	4.65 *22*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1335.60 *9*	0.042 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1335.7 *5*	1.2 *5*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1335.7 *4*	0.48 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1335.72 *20*	0.47 *6*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1335.77 *20*	0.188 *13*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1335.81 *14*	0.066 *10*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1335.86 *10*	3.7 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1335.9 *2*	2.53 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1335.9 *2*	3.9	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1336.0 *3*	2.5 *5*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1336.0 *7*	0.44 *20*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
1336.0 *5*	0.63 *13*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1336.00 *20*	0.88 *7*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1336.0 *3*	0.165 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1336.0 *2*	0.14 *3*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1336.1 *6*	0.46 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
• 1336.2 *5*	0.047 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1336.25 *10*	1.33 *11*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1336.33 *15*	0.177 *23*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1336.38 *15*	0.140 *13*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1336.38 *7*	0.0183 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1336.4 *8*	2.7 *7*	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1336.5 *1*	3.09 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1336.5 *4*	0.51 *17*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1336.5 *2*	0.197 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1336.5 *9*	†1.6 *3*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1336.51 *16*	0.49 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1336.6 *9*	0.20 *3*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1336.6 *2*	†3.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1336.65 *4*	0.00168 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1336.69 *8*	0.26 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1336.7 *7*	0.050 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1336.7 *10*	0.0134 *22*	^{177}Yb(1.911 h)	150.392(20.3), 1080.21(5.6), 1241.2(3.47)
1336.7		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
• 1336.72 *6*	4.5 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1336.75 *15*	2.10 *21*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1336.8 *3*	0.99 *10*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1336.8 *6*	†11	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1336.83 *3*	0.490 *15*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1337.01 *11*	0.0160 *16*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1337.1 *3*	0.48 *12*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1337.1 *6*	0.09 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1337.1 *5*	0.04 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1337.18 *10*	>1.6	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1337.2 *5*	0.0029 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1337.2 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1337.33 *20*	0.0051 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1337.4 *2*	0.078 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 1337.44 *20*	0.00076 *4*	^{123}Sn(129.2 d)	1088.64(0.6), 1030.23(0.0310), 1021.00(0.00193)
1337.5 *6*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1337.5 *4*	0.92 *8*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1337.5	0.019 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1337.57 *7*	1.62 *11*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1337.6 *4*	†5.8 *6*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1337.6 *4*	†5.6 *10*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1337.61 *9*	2.91 *22*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1337.65 *6*	4.2 *6*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1337.72 *9*	†0.77 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1337.8 *5*	0.079 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1337.8 *5*	0.18 *9*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1337.85 *9*	0.016 *4*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1337.9	0.00180 *23*	^{43}Sc(3.891 h)	372.760(23), 1931.3(0.0151), 1558.5(0.0084)
1337.99 *7*	0.63 *4*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1338.0 *4*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1338.0 *7*	0.52 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1338.0 *2*	5 *3*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
1338 *1*	1.1 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1338.0 *4*	0.37	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1338.0 *8*	0.155 *20*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1338.0 *5*	0.08	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1338.03 *7*	0.74 *5*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1338.1 *6*	0.18 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1338.2 *4*	0.19 *7*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1338.2 *3*	0.24 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1338.3 *3*	†2.9 *6*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1338.4 *2*	0.167 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1338.4 *3*	0.033 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1338.4 *2*	†0.64 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1338.5 *8*		^{80}Br(17.68 m)	666.14(1.08), 812.6(0.040), 687.4(0.012)
1338.5 *8*		^{80}Br(17.68 m)	616.6(7), 639.6(0.261), 703.9(0.19)
1338.5 *8*	0.17 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1338.6 *3*	†5.52 *23*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1338.6 *10*	0.009 *3*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
1338.6	>0.00016	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1338.6 *5*	0.130 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1338.6	0.044 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1338.62 *14*	0.091 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1338.62 *17*	†5.1 *8*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1338.64 *8*	1.78 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1338.64 *21*	0.61 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1338.69 *4*	0.652 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1338.7 *3*	8.4 *5*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1338.70 *10*	0.23 *4*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1338.78 *5*	0.39 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1338.78 *5*	0.0117 *11*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
• 1338.82 *4*	1.62 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1339.0 *5*	0.72 *14*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1339.0 *3*	0.20 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1339.01 *17*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1339.17 *16*	0.28 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1339.19 *5*	0.0685 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1339.2 *10*	0.6 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1339.2 *7*	0.48 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1339.2 *3*	0.45 *6*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1339.2 *15*	0.13 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1339.2 *10*	†2.5 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1339.29 *20*	0.140 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1339.30 *20*	0.88 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1339.3 *5*	2.07 *24*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
• 1339.39 *6*	0.021 *4*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1339.4 *5*	9.2 *9*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1339.4 *5*	0.14 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1339.4 *2*	0.37 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1339.43 *10*	0.175 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1339.53 *23*	0.29 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1339.6 *3*	0.014 *11*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1339.60 *20*	0.63 *20*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1339.60 *20*	1.51 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1339.6 *3*	0.28 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1339.6 *2*	0.34 *11*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1339.7 *4*	0.0102 *19*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1339.8 *1*	0.0295 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1339.8 *4*	1 *1*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1339.8 *5*	0.00048 *20*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1339.83 *12*	0.38 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1339.87 *25*	0.248 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1339.9 *12*	0.0044 *8*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1339.9 *5*	0.018 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1339.96 *5*	12.0 *12*	^{68}Cu(3.75 m)	1077.35(12), 1041.3(9.6), 152.0(5.5)
1340	0.00047	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1340.0 *5*	0.25 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1340.00 *20*	0.30 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1340.0 *10*	0.0060 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1340.04 *6*	0.134 *25*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1340.1 *1*	0.00308 *13*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1340.1 *4*	0.0041 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1340.19 *10*	4.1 *3*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)
1340.2 *3*	0.0045 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1340.2 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1340.2 *10*	0.27 *5*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1340.28 *16*	0.00033 *11*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
1340.30 *4*	1.425 *25*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1340.3 *5*	†3.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1340.44 *36*	0.08 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1340.46 *4*	0.22 *8*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1340.50 *7*	0.0768 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1340.50 *6*	0.310 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1340.5 *4*	0.092 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1340.5 *10*	†1.4 *6*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1340.6 *3*	0.195 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1340.6 *1*	0.131 *15*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1340.6 *2*	†8.1 *16*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1340.70 *10*	4.8 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1340.77 *12*	0.43 *3*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1340.8 *2*	3.22 *14*	^{178}Lu(28.4 m)	93.180(6.0), 1310.05(1.40), 1269.34(0.93)
1340.8 *2*	1.027 *24*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1106.19(0.536)
1340.83 *13*	0.083 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1340.9 *5*	0.054 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1341.06 *5*	3.1 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1341.07 *11*	0.14 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1341.10 *12*	0.00165 *15*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1341.16 *19*	0.37 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1341.19 *6*	2.30 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1341.2 *1*	0.0088 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1341.2 *5*	1.9	^{136}Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
1341.2	0.30 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1341.2 *3*	0.09	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 1341.20 *10*	0.022 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1341.2 *10*	†0.10 *10*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1341.29 *17*	5.4 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1341.31 *22*	0.156 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1341.33 *10*	3.3	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1341.4 *6*	0.073 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1341.4 *5*	0.073 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1341.4 *5*	0.069 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1341.4 *4*	0.49 *4*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1341.5 *1*	4.86 *24*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1341.5 *1*	†106 *41*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1341.5 *4*	0.5 *3*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1341.50 *9*	0.0047 *24*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1341.5 *10*	†>0.36	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1341.5 *5*	0.24 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1341.5 *5*	†0.30 *3*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1341.5 *3*	0.022 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1341.58 *8*	0.133 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1341.6 *3*	0.020 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1341.68 *4*	0.043 *17*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1341.69 *4*	0.0028 *4*	^{104}Rh(42.3 s)	555.796(2.0), 1237.2(0.066), 767.72(0.011)
1341.69 *4*	0.00065 *4*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1341.69 *4*	7.3 *10*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1341.69 *4*	1.64 *18*	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1341.7 *6*	0.0025 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1341.74 *10*	0.392 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1341.81 *15*	0.060 *16*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
• 1341.88 *15*	0.00108 *14*	^{131}Ba(11.50 d)	496.326(47), 123.805(28.97), 216.078(19.66)
1341.9 *2*	2.98 *14*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1342.145	>0.021	^{26}Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
1342.15 *5*	0.0380 *14*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1342.15 *5*	1.20 *9*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1342.2 *6*	†0.24 *11*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1342.2 *3*	0.24 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1342.27 *4*	52.6 *16*	^{28}Mg(20.91 h)	30.6383(95), 941.72(38.3), 400.56(36.6)
1342.3 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1342.3 *10*	0.135 *12*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1342.4 *20*	0.04 *2*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1342.4 *4*	0.054 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1342.4 *5*	0.59 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1342.4 *4*	0.0039 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1342.4 *5*	0.245 *24*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1342.41 *31*	†3.1 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1342.5 *2*	0.025 *4*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1342.5 *15*	0.5 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1342.55 *15*	†30 *5*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1342.7 *8*	0.085 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1342.7 *10*	0.16 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1342.711 *18*	0.2513 *14*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1342.711 *18*	0.019 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1342.711 *18*	2.6 *6*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1342.8 *3*	0.18 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1342.81 *7*	0.36 *3*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1342.81 *8*	†0.9 *1*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1342.82 *17*	0.005 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1342.87 *8*	0.00189 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1342.9 *6*	0.055 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1342.9 *3*	0.065 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1342.9 *2*	0.012 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1342.99 *6*	0.24 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1342.99 *6*	0.029 *4*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
• 1343.0 *2*	0.0043 *6*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1343.01 *23*	0.044 *5*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1343.2 *2*	0.17 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1343.22 *10*	†21	^{197}Ir(5.8 m)	469.72(†100), 430.56(†61), 815.92(†45)
1343.3 *3*	0.83 *6*	^{158}Sm(5.30 m)	189.4(15.2), 363.6(12.4), 324.5(10.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1343.35	0.17	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1343.44 *5*	2.08 *9*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1343.5 *3*	0.70 *6*	^{109}Sb(17.0 s)	925.4(32), 1062.8(23.9), 664.5(20.1)
1343.5	0.25	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1343.5 *5*	0.43 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1343.54 *15*	1.39 *8*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1343.56 *13*	0.147 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1343.59 *9*	1.14 *5*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1343.6 *7*	0.209 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1343.66 *9*	0.078 *12*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1343.7 *4*	0.046 *6*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1343.7 *5*	0.18 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
• 1343.777 *22*	2.59 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1343.8 *2*	0.200 *16*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1343.8	†1.7 *3*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
1343.8 *5*	0.18 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1343.82 *10*	0.089 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
• 1343.87 *3*	1.69 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1343.9 *5*	0.87 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1343.9 *1*	0.67 *7*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1344.0 *5*	0.9 *4*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1344.0 *5*	1.1 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1344.1 *3*	0.26 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1344.16 *12*	0.101 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1344.2 *1*	6.7 *4*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1344.2 *4*	0.00033 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1344.2 *6*	1.43 *10*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
1344.4 *4*	0.014 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1344.5	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1344.54 *6*	0.065 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1344.59 *15*	0.0093 *19*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1344.60 *15*	0.21 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1344.6 *5*	0.11	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
• 1344.740 *23*	0.058 *4*	^{148}Pm(41.29 d)	550.284(94.5), 629.987(89), 725.673(32.7)
• 1344.740 *23*	1.89 *16*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1344.76 *15*	0.51 *5*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1344.8 *5*	0.46 *14*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1344.8 *5*	0.10 *5*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
1344.82 *38*	0.15 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1344.93 *7*	1.01 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1345.0	0.17	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1345.00 *3*	0.011 *6*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1345.1 *10*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1345.1 *5*	0.05 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1345.1 *3*	†0.91 *10*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1345.2 *2*	†0.82 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1345.24 *18*	5.0 *4*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1345.27 *8*	0.576 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 1345.3 *5*	0.23 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1345.3 *6*	0.007 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1345.46 *10*	0.88 *10*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1345.5 *7*	0.045 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1345.5 *4*	0.50 *6*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1345.5 *3*	0.24 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1345.52 *5*	1.33 *7*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1345.7	0.179 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1345.7 *3*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1345.77 *6*	10	^{64}Co(0.30 s)	931.1(5)
1345.77 *6*	0.473 *10*	^{64}Cu(12.700 h)	
1345.8 *3*	0.62 *9*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1345.82 *19*	0.067 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1345.9 *4*	18.9 *13*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1345.9	0.13	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1346.0 *3*	100	^{46}K(105 s)	1228.7(6.4), 1675(3.5), 3020(2.2)
1346 *1*	1.56 *23*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
1346.0 *2*	27 *4*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1346.0 *6*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1346 *1*	†2.8 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1346.08 *8*	1.03 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1346.08 *25*	0.070 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1346.1		^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1346.2 *8*	†1.9 *4*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1346.3 *4*	1.39 *9*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1346.3 *1*	0.89 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
• 1346.40 *7*	0.029 *7*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1346.4 *5*	1.09 *6*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1346.55 *15*	0.015 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1346.55 *15*	0.025 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1346.6 *2*	0.157 *11*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1346.7 *5*	0.56 *4*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1346.70 *50*	0.034	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1346.8 *2*	0.0024 *10*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
1347.035 *18*	1.094 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1347.1 *3*	†13 *4*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1347.1 *4*	0.10 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1347.33 *1*	0.47	^{139}Pr(4.41 h)	1630.67(0.343), 255.11(0.236), 1375.56(0.154)
1347.34 *5*	0.00489 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1347.35 *25*	0.064 *22*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1347.39 *6*	0.21 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1347.4 *3*	2.28 *23*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1347.4 *7*	0.76 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1347.4 *5*	0.53 *6*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1347.5 *1*	0.35 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1347.5 *2*	0.14 *4*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1347.50 *15*	0.016 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1347.56 *23*	0.18 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
• 1347.7 *5*	0.00041 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1347.7 *1*	1.57 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1347.78 *10*	1.17 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1347.79 *6*	0.0426 *19*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1347.8 *2*	0.011 *6*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1347.8 *2*	0.33 *4*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1347.8 *6*	1.50 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1347.8 *6*	0.67 *13*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1347.95 *13*	1.38 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1348 *2*	0.017 *8*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1348.0 *10*	4.8 *13*	^{127}Sn(4.13 m)	490.9(90), 1564.0(4.0), 1584.5
1348.0 *2*	5.3 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1348 *1*	0.73 *9*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1348.0 *10*	0.57 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1348.0 *10*	0.09	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1348.02 *12*	0.28 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1348.02 *7*	0.230 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1348.07 *6*	†100 *4*	^{82}Ga(0.602 s)	2215.0(†22.0), 867.46(†13.4), 1909.34(†10.6)
1348.07 *6*		^{83}Ga(0.31 s)	
• 1348.09 *7*	0.0169 *13*	^{152}Eu(13.542 y)	344.281(26.58), 778.91(12.96), 411.115(2.231)
1348.09 *7*	†22.5 *14*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1348.1 *3*	3.0	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1348.13 *13*	0.75 *5*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
• 1348.13 *7*	0.175 *9*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
1348.19 *6*	0.201 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1348.3 *4*	0.21 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1348.3 *4*	†0.67 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1348.39 *7*	0.062 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1348.4 *6*	0.59 *18*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1348.4 *4*	0.055 *11*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1348.4 *3*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1348.4 *6*	†3.2 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1348.4 *3*	0.244 *24*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1348.49 *20*	0.99 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1348.50 *19*	†1.17 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1348.6 *3*	0.0032 *3*	^{251}Fm(5.30 h)	880.8(2.19), 453.1(1.45), 405.6(0.99)
1348.61 *12*	0.062 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1348.7 *3*	2.09 *22*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1348.7 *5*	>0.047	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1348.8 *10*	0.05 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1348.8 *10*	0.08 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1348.81 *4*	0.120 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1348.87 *5*	1.49 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1348.9 *1*	0.0216 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1348.9 *10*	0.28 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1349.1 *5*	0.33 *6*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1349.1 *7*	1.15 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1349.1 *8*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1349.15 *10*	2.95 *9*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1349.19 *7*	0.45 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1349.25 *20*	0.71 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1349.3 *5*	0.027 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1349.3 *4*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1349.4 *5*	0.6 *3*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1349.4 *6*	0.33 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1349.4 *6*	0.55 *22*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
• 1349.42 *10*	0.059 *3*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1349.42 *10*	0.019 *10*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1349.5 *3*	0.90 *19*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
• 1349.5 *6*	0.12 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1349.5 *7*	1.43 *17*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1349.52 *14*	0.68 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
• 1349.54 *15*	0.063 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1349.60 *9*	0.0051 *3*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1349.6 *5*	0.22 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1349.63 *13*	0.10 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1349.67 *21*	0.141 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1349.7 *2*	1.7 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1349.8 *3*	†238 *67*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1349.8 *4*	0.106 *22*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1349.9 *3*	2.2 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1349.9 *5*	1.6 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1349.9 *5*	0.11	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1349.91 *20*	0.12 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
• 1349.99 *5*	0.32 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1350.00 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1350.1 *7*	0.90 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1350.1 *3*	0.28 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1350.1 *5*	1.1 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1350.11 *8*	0.107 *19*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1350.11 *8*	0.62 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1350.15 *3*	0.426 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1350.19 *5*	0.75 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1350.198 *14*	0.138 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1350.2 *6*	0.015 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1350.2 *6*	0.32 *19*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1350.2 *2*	†0.86 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1350.29 *3*	0.088 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1350.29 *3*	0.173 *10*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1350.3 *3*	0.78 *8*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1350.3 *5*	0.028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1350.3 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1350.356 *14*	0.032 *6*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1350.356 *14*	0.148 *13*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1350.38 *3*	0.150 *4*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1350.4 *4*	0.016 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1350.4 *5*	0.012 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1350.45 *30*	0.057 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1350.5 *3*	0.153 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
• 1350.52 *6*	0.0020 *10*	^{57}Ni(35.60 h)	1377.63(81.7), 127.164(16.7), 1919.52(12.26)
1350.6 *6*	0.032 *11*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
• 1350.6 *3*	0.0033 *5*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
• 1350.65 *9*	0.194 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1350.68 *3*	0.051 *3*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1350.68 *3*	1.18 *3*	^{178}Ta(9.31 m)	93.180(1.78), 1340.8(1.027), 1106.19(0.536)
1350.7 *5*	0.088 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1350.7 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1350.73 *11*	0.42 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1350.8 *7*	0.041 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1350.80 *20*	7.8 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1350.8 *5*	0.120 *19*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1350.85 *8*	0.40 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1350.9 *2*	†105 *3*	^{95}Pd(13.3 s)	716.6(†70.63), 381.8(†50.8), 913.2(†13.6)
1350.9 *10*	0.17 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1350.9 *5*	†6 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1350.9 *2*	0.28 *4*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1350.91 *4*	0.061 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1351.0 *3*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1351 *1*	0.0044 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1351.02 *10*	0.14	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1351.08 *10*	1.64 *18*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1351.1 *3*	0.207 *19*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1351.17 *28*	0.17 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1351.2 *3*	0.19 *13*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1351.2 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1351.2	0.015	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1351.2	0.012	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1351.2 *1*	0.48 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1351.22 *37*	0.10 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1351.31 *5*	2.10 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1351.35 *22*	0.25 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1351.48 *13*	0.044 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1351.5 *6*	>0.11	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1351.50 *3*	0.1244 *3*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1351.52 *25*	0.23 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1351.54 *4*	0.073 *10*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1351.6 *4*	0.095 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1351.7	0.0030 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1351.8 *7*	0.71 *7*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1351.8 *5*	0.61 *12*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1351.8 *6*	1.28 *18*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1351.85 *14*	0.85 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1351.85 *30*	0.030 *5*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1351.90 *20*	0.82 *19*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1351.9 *5*	0.25 *11*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1351.9 *5*	0.25 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1352 *1*	>0.13	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1352	0.0014 *5*	^{81}Se(18.45 m)	275.988(0.7), 290.03(0.55), 828.27(0.280)
1352.0 *3*	20.8 *6*	^{95}Rh(5.02 m)	941.6(72), 677.6(5.80), 1494.7(5.0)
1352.09 *17*	0.140 *8*	^{28}P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
1352.15 *4*	0.43 *6*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
1352.15 *4*	2.04 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1352.2 *5*	0.70 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1352.20 *6*	3.42 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1352.3	0.7	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1352.3 *2*	†3.0 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1352.3 *3*	†1.3 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1352.32 *11*	0.159 *21*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1352.4 *4*	†7.2 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1352.4 *6*	0.021 *11*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1352.4 *3*	†0.82 *17*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1352.59 *17*	4.62 *21*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1352.6 *4*	0.25 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1352.6 *5*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1352.60 *10*	0.68 *10*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1352.62 *8*	0.40 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1352.7 *4*	0.38 *17*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1352.77 *9*	0.009 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1352.8 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1352.8 *3*	0.27 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1352.8 *8*	1.37 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1352.802 *10*	0.279 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1352.87 *7*	1.27 *8*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1352.9 *2*	0.82 *17*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1352.9 *5*	0.05 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1352.9 *1*	1.15 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1353		^{41}Cl(38.4 s)	834, 515, 1354.0
1353.0 *9*	1.0 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1353.0 *15*	†6.2×10^2 *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1353.09 *17*	0.058 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1353.18 *15*	0.12 *3*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1353.2 *2*	0.19 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1353.27 *25*	0.009 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1353.3 *6*	0.71 *14*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1353.3 *1*	0.87 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1353.4 *2*	2.6 *4*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1353.4 *5*	0.047 *10*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1353.5 *9*	0.0080 *13*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
1353.5 *2*	0.023 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1353.5 *4*	0.25 *10*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1353.54 *21*	0.60 *9*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 1353.550 *20*	0.626 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1353.64 *14*	0.097 *13*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1353.7 *4*	0.0099 *22*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1353.72 *5*	0.199 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1353.80 *4*	0.171 *24*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1353.92 *19*	0.025 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1354.0		^{41}Cl(38.4 s)	1353, 834, 515
1354.0 *3*	0.80 *9*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1354.1 *5*	†3.7 *12*	^{82}Ga(0.602 s)	1348.07(†100), 2215.0(†22.0), 867.46(†13.4)
1354.1 *4*	1.32 *13*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1354.1 *3*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1354.3	0.20 *8*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1354.3 *3*	0.046	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1354.3 *3*	0.045	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1354.3 *2*	0.26 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1354.3 *8*	0.032 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1354.31 *19*	0.0146 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1354.35 *15*	1.7 *4*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1354.35 *15*	1.0 *10*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1354.40 *20*	0.71 *3*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1354.4 *2*	0.51 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1354.4 *1*	0.089 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1354.5 *2*	0.79 *9*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1354.5 *15*	0.52 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1354.52 *9*	1.64 *9*	^{141}La(3.92 h)	1693.3(0.074), 2267.0(0.0413), 662.06(0.0259)
1354.6	0.074 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1354.6 *2*	0.13 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1354.67 *23*	0.35 *6*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1354.7 *2*	†5.0 *8*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1354.8 *10*	0.25 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1354.9 *10*	†6.9×10^2 *23*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
1354.9 *3*	0.00043 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1354.95 *9*	0.58 *19*	^{128}Sb(10.4 m)	753.82(96.4), 743.22(96), 314.12(89)
1355 *1*	0.68 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1355.04 *10*	0.090 *12*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1355.1 *6*	0.10 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1355.10 *14*	0.78 *5*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1355.1 *4*	0.19 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1355.1 *5*	0.27 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1355.11 *5*	0.133 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1355.175 *22*	1.04 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1355.175 *22*	0.042 *7*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1355.3 *6*	†0.20 *6*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1355.3 *6*	0.97 *20*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1355.5 *4*	0.26 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1355.5 *3*	0.33 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1355.54 *20*	0.258 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1355.6 *2*	0.29 *5*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
• 1355.6 *3*	0.068 *7*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1355.63 *22*	0.29 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1355.70 *30*	0.00063 *14*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1355.8 *5*	†0.063 *10*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1355.81 *11*	0.40 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1355.87 *5*	1.67 *11*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1355.9 *3*	0.029 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1355.99 *17*	0.030 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1356.0 *6*	0.07 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1356.05 *25*	0.042 *5*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1356.10 *20*	0.65 *7*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
• 1356.1 *2*	0.317 *14*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1356.1 *3*	0.14 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1356.17 *18*	0.75 *9*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1356.2 *2*	1.39 *8*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1356.2 *5*	0.68 *18*	^{123}Cs(5.94 m)	97.3(23), 596.7(10.1), 83.3(4.1)
1356.3 *2*	0.130 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1356.3 *2*	0.53 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1356.38	0.30 *11*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1356.4 *2*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1356.4 *3*	0.026 *6*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1356.55 *26*	0.010	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
1356.6 *3*	0.90 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1356.6 *2*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1356.6 *4*	0.050 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1356.62 *4*	0.017 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1356.7 *5*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1356.70 *20*	0.47 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1356.8 *4*	0.52 *6*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1356.8 *3*	0.146 *22*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1356.843 *10*	50.4 *11*	^{19}O(26.91 s)	197.142(95.9), 109.894(2.71), 1444.085(2.64)
1356.843 *10*	0.00206 *20*	^{19}Ne(17.34 s)	109.894(0.012), 197.142(0.00206), 1444.085(0.000108)
1356.85 *10*	0.025 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1356.86	0.11 *4*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1356.9 *5*	0.37 *5*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1356.9 *1*	0.164 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1356.94 *14*	0.0132 *12*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1357.0 *4*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1357.0 *5*	0.31 *15*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1357		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
• 1357.0 *7*	0.073 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1357.0	0.007 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1357 *2*	0.14 *7*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1357.0 *8*	†0.9 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1357.0 *3*	0.45 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1357.08 *20*	0.40 *15*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1357.1	0.106 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1357.20 *20*	0.0024 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1357.2 *2*	0.013 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1357.26 *11*	0.0021 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1357.33	0.26 *7*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1357.37 *15*	0.18	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1357.4 *15*	0.19 *8*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1357.4 *5*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1357.46 *5*	0.206 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1357.5 *4*	0.182 *20*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1357.52 *10*	2.0	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1357.6 *2*	†4.8 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1357.6 *4*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1357.78 *15*	5.5 *4*	^{148}Pr(2.27 m)	301.702(61), 1023.18(4.8), 721.43(4.3)
1357.78 *15*	0.021 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1357.8 *7*	0.110 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1357.8 *5*	0.28 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1357.8	0.011 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1357.8 *3*	0.00045 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1357.9 *2*	>0.32	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1357.90 *5*	5.3 *4*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1357.94 *8*	0.83 *12*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1358 *2*	†6.5	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1358.0 *8*	1.2 *3*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1358	22000	^{135}Xe(15.29 m)	786.836(†490000), 1133(†33000), 1192.2(†4400)
1358.05 *5*	0.28	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1358.05 *5*	10.7	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1358.1 *9*	0.82 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1358.11 *19*	1.06 *18*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1358.14	0.06	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1358.2 *3*	0.63 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1358.2 *5*	0.202 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1358.3 *2*	†0.5 *4*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1358.3 *8*	0.28 *6*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1358.4 *4*	0.176 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1358.4	†1.6	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1358.5 *8*	0.061 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1358.50 *50*	>0.07	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1358.55 *16*	0.40 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1358.6 *2*	0.114 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1358.6 *3*	0.35 *5*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1358.7 *3*	0.06 *3*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1358.71 *6*	0.024 *3*	^{57}Mn(87.2 s)	122.0614(13.9), 14.41300(10.56), 692.03(5.50)
1358.74 *21*	0.0291 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1358.79 *10*	13.4 *17*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1358.8 *2*	†0.4 *1*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1358.8 *3*	0.052 *17*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1358.9 *6*	0.18 *6*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1358.9 *5*		^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1358.9 *5*	0.16 *4*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1358.9 *2*	†152 *48*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1358.90 *3*	0.0100 *5*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1358.99 *4*	0.200 *17*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1359.0 *5*	0.25 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1359.0 *1*	0.155 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1359.1 *5*	0.048 *19*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1359.1	0.19	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1359.19 *15*	0.71 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1359.2 *5*	0.20 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1359.2 *15*	0.125 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1359.3		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1359.4 *2*	†0.55 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1359.45 *7*	0.094 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1359.5 *3*	9.1 *10*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1359.6 *2*	1.00 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1359.63 *22*	0.22 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1359.7 *3*	0.26 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
• 1359.74 *20*	0.0254 *22*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1359.8 *2*	4.9 *6*	^{102}Cd(5.5 m)	481.0(63), 1036.6(12.8), 505.1(9.6)
1359.86 *10*	39 *3*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1359.92 *16*	0.205 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1359.94 *9*	0.147 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1360 *2*	0.17	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1360.0 *5*	0.0059 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1360.0 *2*	0.64 *13*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1360.0 *4*	†0.6 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
• 1360	>0.008	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1360.0 *7*	†1.5 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1360.1 *23*	†2	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1360.1 *4*	0.019 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1360.10 *7*	†4.13 *22*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1360.12 *7*	0.93 *8*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1360.2 *4*	0.29 *11*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1360.20 *30*	0.00222 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
• 1360.215 *12*	4.33 *4*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1360.26 *11*	0.227 *17*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1360.3 *4*	0.16 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1360.30 *17*	0.235 *14*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1360.3 *6*	0.039 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1360.31 *17*	0.062 *5*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1360.36 *5*	2.9 *7*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1360.4 *3*	0.47 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1360.4 *4*	0.174 *19*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1360.4 *3*	0.21 *3*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1360.42 *17*	0.57 *7*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
• 1360.44 *13*	0.0085 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1360.5 *15*	0.45 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1360.58 *10*	1.8 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1360.59 *20*	3.4 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1360.6 *3*	0.100 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1360.63 *7*	0.62 *4*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1360.79 *4*	0.56 *7*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1360.79 *24*	0.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1360.8 *1*	3.46 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1360.8 *13*	0.35 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1360.8 *2*	0.091 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1360.8 *2*	1.49 *22*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1360.8 *4*	†4.8 *9*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1360.9	0.54 *9*	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1361.0 *8*	0.7	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1361.0 *9*	0.038 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1361.0 *10*	0.5 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
• 1361.0 *10*	0.00043 *17*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
1361.04 *8*	0.93 *9*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
• 1361.10 *30*	0.112 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1361.2	0.032 *11*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1361.2 *5*	0.017 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1361.3 *1*		^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1361.4 *4*	0.13 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1361.50 *20*	0.12 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1361.5 *1*	0.018 *4*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1361.5 *3*	†3.2 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1361.5 *3*	†0.56 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1361.59 *21*	†15 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1361.61 *7*	0.045 *4*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1361.65 *11*	10.4 *11*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1389.87(9.8)
1361.8	0.16	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1361.9 *5*	0.047 *7*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1361.9 *6*	0.035 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1361.9 *3*	0.24 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1362.00 *10*	4.29 *19*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1362.00 *10*	2.5 *11*	^{91}Tc(3.3 m)	502.90(51.4), 927.60(3.79), 1328.40(2.55)
1362.0 *1*	0.060 *7*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1362.0 *1*	15.1 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1362.0 *1*	†59 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1362	†<0.1	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1362 *2*	0.11 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1362.06 *19*	0.36 *8*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
• 1362.06 *19*	†0.40 *5*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1362.1 *1*	0.0025 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1362.21 *5*	0.125 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1362.3 *7*	1.19 *20*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1362.32 *10*	11.2 *9*	^{90}Br(1.92 s)	707.05(38.0), 655.17(7.7), 1233.21(4.18)
1362.40 *8*	0.24 *4*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1362.4 *5*	0.076 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1362.41 *9*	0.60 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1362.5 *10*	0.10 *7*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1362.5 *3*	0.23 *5*	^{125}In(2.36 s)	1335.04(71), 1031.75(9.6), 617.88(7.4)
1362.5 *3*	0.69 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1362.6 *1*	0.166 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1362.63 *12*	0.070 *10*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1362.640 *19*	0.596 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1362.68 *9*	1.02 *10*	^{97}Zr(16.91 h)	743.36(93), 507.64(5.03), 1147.97(2.61)
1362.78 *4*	0.340 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1362.89 *84*	0.11 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1362.9	†14	^{101}Rb(32 ms)	271.2(†100), 251.6(†31), 1091.8(†25)
1362.9 *3*	0.47 *8*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1362.9 *1*	32.5 *18*	^{211}Rn(14.6 h)	674.1(45), 678.4(28.9), 442.2(23.0)
1362.91 *12*	0.314 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1362.93 *12*	0.0211 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1362.98 *24*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1363.0 *4*	0.12 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1363.0 *5*	2.13 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1363	0.15 *7*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1363.00 *3*	0.015 *4*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1363.00 *3*	3.4 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1363.02 *4*	66	^{93}Tc(2.75 h)	1520.37(24.4), 1477.13(8.7), 1539.01(0.76)
1363.05 *9*	0.20 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1363.1 *1*	0.0038 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1363.13 *6*	9.1 *6*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
1363.2 *4*	0.030 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1363.25 *45*	0.348 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1363.3 *3*	0.24 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1363.3 *3*	†1.8 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1363.4 *3*	0.22 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1363.5 *5*	†0.55 *16*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1363.5 *7*	†1.2 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1363.5 *7*	4.2 *9*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1363.5 *1*	0.0157 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1363.5 *10*	0.154 *19*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1363.6 *2*	0.14 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1363.6 *2*	3 *1*	^{151}Tm(4.13 s)	801.6(73), 2115.8(13), 1548.6(10)
1363.64 *3*	4.7 *3*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1363.7 *8*	3.6 *5*	^{90}Tc(49.2 s)	1054.3(100), 948.1(100), 944.7(36.6)
1363.78 *5*	0.40 *9*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1363.78 *5*	0.0244 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1363.8	0.025 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1363.8 *1*	†36.6 *27*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1363.81 *8*	0.0506 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1363.83 *9*	0.070 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1363.88 *10*	8.4 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 242.15(4.3)
1363.9 *5*	8.0×10^{-5}	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1363.9 *4*	0.32 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1363.93 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1363.93 *5*	3.9 *6*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1364.0	0.012 *12*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1364.0 *2*	21.9 *14*	^{48}Mn(158.1 ms)	752.15(99.7), 1106.25(39.2), 3676.2(30.4)
1364	0.12 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1364		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1364.1 *2*	5.2 *7*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1364.1 *5*	†8	^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1364.1 *4*	0.20 *5*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
1364.1 *8*	0.020 *7*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1364.1 *3*	0.172 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1364.13 *17*	0.128 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1364.19 *13*	0.00118 *13*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1364.2 *5*	†3.2	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1364.34 *5*	0.47 *4*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1364.43 *21*	0.0046 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1364.5 *3*	1.43 *13*	^{63}Co(27.4 s)	87.13(48.7), 981.7(2.11), 155.6(1.60)
1364.5 *8*	0.027 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1364.5 *3*	0.946 *20*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1364.6 *2*	†5.2 *7*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1364.60 *10*	4.5	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1364.6 *3*	†1.3 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1364.64 *20*	2.40 *17*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1364.7 *3*	0.43 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1364.7 *5*	0.092 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1364.7 *10*	0.86 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1364.70 *20*	0.134 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1364.75 *3*	0.0653 *18*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1364.77 *9*	0.68 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1364.8 *5*	0.34 *5*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1364.8 *7*	0.0028 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1364.8 *4*	†5.3 *21*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1364.86 *29*	4.08 *20*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1364.9 *3*	0.12 *6*	^{101}Zr(2.1 s)	119.3(10.8), 205.6(6.0), 912.2(3.48)
1364.9 *5*	0.96 *9*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1364.90 *22*	0.119 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1364.99 *10*	†1.20 *11*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1365 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1365.0 *5*	0.21 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1365.0 *5*	0.6 *3*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1365.0 *10*	0.08 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1365.1 *2*	>0.26	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1365.10 *22*	1.44 *20*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1365.1 *5*	0.095 *16*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1365.1 *5*	0.26 *6*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
• 1365.152 *32*	3.04 *4*	^{134}Cs(2.062 y)	604.699(97.56), 795.845(85.44), 569.315(15.43)
1365.2 *5*	†0.39 *18*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1365.3 *5*	0.23 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1365.3 *4*	0.421 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1365.36 *11*	0.325 *24*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1365.4	0.8	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1365.5	0.26 *4*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1365.5 *3*	†1.06 *10*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1365.54 *5*	1.65 *10*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1365.6 *5*	0.063 *20*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1365.68 *22*	0.131 *14*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1365.69 *7*	0.577 *20*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1365.7 *6*	†0.58 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1365.7 *5*	†73 *20*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1365.7 *5*	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1365.70 *15*	0.014 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1365.8 *1*	0.0050 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1365.8 *2*	0.114 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1365.8 *4*	†2.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1365.935 *23*	0.060 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1366.0 *10*	0.19 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
• 1366.0 *5*	0.017 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1366	0.019	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1366.0	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1366.0 *2*	1.5 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1366.0 *8*	0.13 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1366.0 *5*	1.9 *6*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1366.1 *20*	0.082 *11*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1366.1	0.016 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1366.1 *3*	†7.9 *7*	^{203}At(7.4 m)	639.4(†100), 641.5(†55.8), 738.1(†38.4)
1366.2 *5*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1366.26 *12*	0.103 *13*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
1366.3 *5*	3.2 *3*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
• 1366.39 *14*	1.066 *20*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
• 1366.394 *14*	0.9 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1366.4 *2*	2.17 *12*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1366.4 *6*	0.063 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1366.4 *4*	0.062 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 1366.44 *7*	1.572 *9*	^{156}Eu(15.19 d)	811.79(9.70), 88.9667(8.4), 1230.68(7.98)
• 1366.44 *7*	0.017 *4*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1366.49 *11*	0.22	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1366.5 *5*	0.07 *2*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1366.5 *7*	0.0031 *12*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1366.6	0.17	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1366.77 *20*	0.13	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1366.8 *3*	0.021 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1366.93 *9*	0.043 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1367.0 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1367.0 *10*	0.07	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1367.19 *16*	0.168 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1367.2 *1*	†0.50 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1367.2 *1*	0.23 *4*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1367.3 *6*	0.21 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1367.35 *10*	2.8 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1367.4 *2*	0.42 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1367.4 *2*	†5	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1367.47 *12*	0.065 *10*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1367.48 *20*	0.149 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
• 1367.56 *7*	0.150 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1367.57 *12*	0.147 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1367.6 *5*	0.43 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1367.66 *11*	0.50 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1367.76 *8*	0.76 *5*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1367.77 *3*	0.801 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1367.8 *2*	0.50 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1367.8 *4*	0.17 *2*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1367.8 *3*	4.1 *18*	^{122}Ag(0.48 s)	569.45(96), 759.70(33), 650.20(20)
1367.89 *4*	0.613 *23*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1367.9 *10*	0.059 *20*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1367.9 *2*	0.016 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1368	>0.007	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1368.1 *5*	0.86 *9*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1368.1 *2*	0.11 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1368.11 *4*	0.0045 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1368.12 *21*	†3.1 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
• 1368.164 *6*	2.62 *5*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1368.164 *6*	0.284 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1368.2 *2*	0.39 *11*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1368.2 *5*	0.22 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1368.3 *3*	0.023 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
• 1368.3 *2*	0.130 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1368.3 *4*	0.0013 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1368.3 *10*	0.13 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1368.4 *5*	3.3 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1368.4 *4*	0.54 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1368.5 *3*	0.33 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1368.5 *5*	†24.6 *20*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1368.52 *7*	0.88 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1368.6 *3*	0.32 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1368.6 *1*	0.055 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1368.6 *3*	0.163 *25*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1368.61 *5*	0.00315 *23*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1368.633	100	^{24}Na(14.9590 h)	2754.028(99.944), 3866.19(0.052), 996.82(0.0014)
1368.633	96.0 *25*	^{24}Al(2.053 s)	7069.50(43.0), 2754.028(41.2), 5392.68(18.3)
1368.633	5.3 *10*	^{24}Al(131.3 ms)	9965.6(1.6), 8597.5(0.6), 4237.96(0.3)
1368.7 *5*	0.058 *5*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1368.7 *5*	1.1 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1368.7 *2*	0.0049 *5*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
1368.7 *10*	†2.2 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1368.76 *18*	†4.8 *7*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1368.8 *6*	†0.61 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1368.8 *5*	0.097 *19*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1368.8 *1*	1.27 *14*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1368.8 *3*	0.096 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1368.8	†5	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1368.8 *5*	0.06	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1368.9	0.044 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1368.96 *7*	0.0031 *3*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1369.0 *10*	0.14 *10*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1369.1 *5*	0.026 *5*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1369.1 *4*	0.16 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1369.1 *2*	0.90 *3*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1369.2 *4*	†3.2 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1369.3 *4*	†4.3 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1369.4	0.014	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1369.5 *2*	1.48 *6*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1369.56 *9*	0.042 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1369.7 *2*	2.92 *22*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)
1369.7 *5*	0.113 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1369.73 *15*	1.99 *21*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
• 1369.75 *15*	0.00013 *3*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1369.8	7	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1369.9 *4*	0.047 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1369.9 *1*	†>2.7	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1370	>0.0047	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1370.0 *5*	0.162 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1370.1 *1*	0.51 *5*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1370.2 *10*	0.08 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1370.2 *10*	0.14	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1370.2 *1*	0.0119 *23*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1370.2 *5*	0.36	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1370.3 *10*	0.42 *23*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1370.4 *3*	3.3 *5*	^{118}I(8.5 m)	605.71(99), 600.71(92), 614.42(65)
1370.4 *3*	†0.69 *7*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
• 1370.40 *30*	0.0233 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1370.5	0.09	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1370.5 *2*	0.0029 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1370.5 *3*	0.078 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1370.5	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1370.53 *11*	0.0144 *6*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1370.66 *8*	0.0616 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1370.7 *10*	0.06 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1370.8 *3*	0.15 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1370.8 *5*	0.71 *16*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1370.8 *7*	†>2.7	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1370.80 *29*	0.93 *10*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1370.8 *5*	†2.3 *8*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1370.82	8.4 *25*	^{37}Ca(175 ms)	
• 1370.97 *17*	0.0194 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1371.0 *10*	0.178 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1371.0 *1*	0.109 *10*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1371 *1*	>0.22	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1371.07 *10*	1.35 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1371.1 *1*	0.071 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1371.2 *5*	0.031	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1371.280 *22*	1.08 *6*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1371.3 *2*	0.0138 *13*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
1371.3 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1371.33 *12*	0.146 *13*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1371.4 *5*	0.26 *6*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1371.4 *1*	0.033 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1371.69 *14*	0.30 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1371.7 *5*	0.010 *4*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1371.75 *12*	0.15	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1371.78 *16*	0.35 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1371.8 *6*	0.026 *11*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1371.9 *1*	1.01 *5*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1371.9 *2*	0.15 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1371.9 *1*	0.0374 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1371.9 *4*	0.124 *11*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1372 *1*	†1.1 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1372.0 *2*	0.110 *25*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1372 *1*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1372.0 *4*	0.0018 *5*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1372.05 *4*	1.52 *7*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1372.07 *13*	2.47 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1372.1 *2*	0.55 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1372.1 *3*	0.79 *12*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1372.16 *20*	0.127 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1372.2 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1372.2 *2*	†4.9 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1372.24 *45*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1372.30 *30*	0.00206 *18*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1372.3 *5*	0.28 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1372.44 *18*	1.218 *24*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1372.5 *4*	0.66 *17*	^{127}Cd(0.43 s)	1235.07(8.3), 376.28(7.5), 523.60(5.15)
1372.54 *50*	0.13 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1372.6 *11*	0.018 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1372.6 *9*	0.09	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1372.7 *4*	†0.62 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1372.8 *6*	0.013 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1372.8 *2*	0.0081 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1372.8 *2*	0.81 *3*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1187.7(0.546)
• 1372.88 *6*	0.034 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1372.9 *7*	0.05 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1372.90 *14*	0.063 *25*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1372.91 *3*	4.7 *2*	^{28}Mg(20.91 h)	30.6383(95), 1342.27(52.6), 941.72(38.3)
1373 *1*	0.54 *5*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
1373.1 *9*	0.09	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 1373.17 *25*	0.028 *7*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1373.2 *3*	0.056 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1373.2 *5*	0.00027 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1373.3 *4*	†1.3 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1373.4 *4*	1.52 *23*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1373.48 *6*	4.8 *3*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
• 1373.50 *20*	0.166 *16*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1373.6 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1373.6 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1373.6 *1*	1.10 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
• 1373.6 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1373.61 *5*	0.40 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1373.7 *2*	0.26 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
• 1373.75 *9*	0.00027 *3*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1373.8 *3*	†100 *33*	^{17}C(193 ms)	1849.5(†92), 1906.7(†29), 612.2(†22)
• 1373.8362 *5*	0.2185 *14*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1373.8362 *5*	0.178 *19*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1373.8362 *5*	0.296 *10*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1373.9 *4*	0.030 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1374		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1374.0 *10*	0.138 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1374.1 *2*	†3.3 *4*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1374.18	0.11	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1374.19 *10*	0.014 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1374.194 *25*	5.59 *13*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1374.2 *3*	0.51 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1374.3 *7*	0.68 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1374.335 *27*	4.28 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1374.47 *13*	0.0344 *25*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
• 1374.53 *8*	0.211 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1374.6 *2*	0.029 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1374.68 *20*	0.094 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1374.7 *5*	0.42 *14*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1374.78 *9*	0.42 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1374.80 *20*	0.093 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1374.8 *2*	1.61 *21*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1374.9 *5*	0.063 *22*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1374.91 *10*	2.3 *2*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
• 1374.97 *15*	0.0462 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1375.0 *2*	†0.22 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1375.0 *6*	†2.4 *3*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1375.0 *5*	†1.7 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1375.1 *4*	0.124 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1375.1 *2*	0.12 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1375.16 *4*	0.800 *23*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1375.2 *3*	0.39 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1375.2	1.76	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1375.22 *5*	1.74 *10*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1375.3 *2*	0.24 *7*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1375.36 *3*	16.7 *7*	^{90}Rb(258 s)	831.69(94), 3317.00(14.4), 2752.68(11.5)
1375.36 *3*	0.126 *20*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1375.4 *2*	†0.8 *2*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1375.4 *1*	1.21 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1375.43 *16*	0.159 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1375.5 *3*	†0.85 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1375.56 *3*	0.154 *7*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1375.61 *12*	1.22 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1375.7 *4*	0.52 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1375.7 *5*	†1.3 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1375.7 *2*	†0.91 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1375.77 *8*	0.113 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1375.8 *9*	0.22 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1375.8 *4*	†1.1 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1375.85 *40*	0.142 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1375.99 *10*	0.62 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1376.0 *3*	0.63 *9*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1376.08 *15*	0.10 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1376.1 *2*	0.36 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1376.112 *45*	0.50 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1376.112 *45*	1.664 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1376.2 *1*	0.00039 *4*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
1376.3 *3*	0.0080 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1376.40 *6*	0.0371 *14*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1376.4		^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1376.41 *15*	0.22 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1376.6 *3*	†2.2 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1376.60 *11*	1.87 *20*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1376.6 *7*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1376.7 *4*	0.0067 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1376.7 *3*	0.00041 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1376.71 *6*	4.37 *24*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1376.79 *10*	0.34 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
• 1376.8 *4*	0.056 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1376.8	0.83 *5*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1376.9 *4*	0.66 *8*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1376.9 *2*	†5	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1376.94 *20*	3.07 *25*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1377.0 *5*	0.030 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1377.00 *30*	0.178 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1377.0 *2*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1377.0 *5*	0.065 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1377.0 *6*	0.095 *9*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1377.01 *15*	0.104 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1377.06 *11*	0.057 *10*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1377.09 *20*	0.036 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1377.1 *5*	0.14 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1377.1 *4*		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1377.2 *5*	2.3 *8*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1377.2 *10*	0.38 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1377.2	0.175 *5*	^{207}Po(5.80 h)	992.33(59.3), 742.64(28.2), 911.79(16.95)
1377.22 *7*	1.72 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1377.33 *10*	1.49 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1377.36 *10*	1.38 *20*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1377.4 *5*	0.42 *6*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
• 1377.4 *5*	0.010 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1377.40 *12*	0.70 *6*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1377.5 *10*	0.07 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1377.5 *5*	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1377.5 *5*	5.3 *9*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1377.5 *10*	0.196 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1377.52 *20*	4.7 *3*	^{100}Cd(49.1 s)	936.55(66), 139.71(6.7), 582.5(6.3)
1377.58 *15*	0.26 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1377.6 *5*	0.12 *6*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1377.6 *7*	0.028 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1377.6 *4*	0.259 *12*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1377.6 *9*	0.06 *3*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1377.6 *3*	†0.61 *14*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 1377.63 *3*	81.7 *16*	^{57}Ni(35.60 h)	127.164(16.7), 1919.52(12.26), 1757.55(5.75)
1377.669 *12*	3.92 *8*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
• 1377.7 *3*	0.047 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1377.72 *20*	0.244 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1377.9 *9*	0.07 *4*	^{127}Sb(3.85 d)	685.7(37), 473.0(25.7), 783.7(15.0)
1377.99 *5*	23.2 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1378.0 *1*	0.75 *7*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1378.0 *4*	1.8 *4*	^{128}Sb(9.01 h)	753.82(100), 743.22(100), 314.12(61)
1378.1 *15*	0.40 *17*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1378.1 *3*	3.4 *9*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
• 1378.1 *2*	0.575 *21*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1378.1 *5*	0.39 *4*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1378.2 *5*	0.013 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
• 1378.3 *5*	0.00124 *25*	^{192}Ir(73.831 d)	316.50791(82.81), 468.07152(47.83), 308.45692(30.00)
1378.3 *5*	0.05 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1378.4 *3*	0.20 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1378.4 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1378.45 *8*	0.63 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1378.45 *10*	3.0 *3*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1378.5 *3*	0.55 *6*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1378.5 *4*	†4.7 *14*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
1378.6 *10*	0.008 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1378.7 *3*	0.207 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1378.7 *5*	†6 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1378.7 *5*	†0.33 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 1378.76 *3*	0.00238 *17*	^{126}I(13.11 d)	666.331(33.1), 753.819(4.16), 1420.17(0.295)
1378.79 *24*	0.36 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1378.8 *8*	0.032 *11*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1378.8 *4*	4 *1*	^{132}Sb(4.10 m)	696.8(100), 973.9(100), 150.6(66)
1378.95 *5*	0.73 *4*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1378.98 *10*	0.35 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 1379.0 *5*	0.0009 *4*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
• 1379.04 *4*	2.1	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1379.04 *4*	1.1	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1379.1 *11*	0.012	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1379.1 *3*	0.086 *16*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1379.1 *5*	0.31 *8*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1379.1 *1*	0.371 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1379.12 *6*	0.039 *5*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1379.12 *7*	0.115 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1379.12	0.053 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1379.13 *6*	3.15 *22*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
• 1379.13 *6*	>0.039	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1379.25 *15*	0.41 *5*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1379.29 *15*	0.054 *16*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1379.29 *16*	†5.2 *10*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1379.30 *30*	0.60 *5*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1379.3 *4*	0.0017 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1379.40 *6*	0.93 *3*	^{166}Ho(26.83 h)	80.574(6.71), 1581.89(0.187), 1662.48(0.120)
1379.5 *2*	0.61 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1379.53	0.231 *5*	^{25}Na(59.1 s)	974.72(14.95), 585.03(13.00), 389.70(12.68)
1379.54 *7*	0.524 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1379.59 *27*	†0.84 *13*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1379.60 *20*	0.149 *7*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1379.7 *5*	†4.8 *10*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1379.74 *13*	0.00164 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1379.80 *4*	1.33 *9*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1379.92 *4*	0.230 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1380.0 *5*	0.114 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
1380.0 *3*	†0.65 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1380.1 *1*	0.54 *9*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1380.1 *5*	3.6 *9*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1380.1 *6*	0.74 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1380.1 *1*	0.07 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1380.1 *1*	3.2 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1380.15 *4*	0.0359 *14*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1380.15 *4*	0.007 *4*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1380.19 *11*	0.25 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1380.2 *1*	3.40 *16*	^{142}Ba(10.6 m)	255.300(20.5), 1204.3(14.23), 895.2(13.9)
1380.2 *2*	†6.7×10^2 *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1380.2 *5*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1380.21 *3*	0.387 *25*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 1380.23 *10*	0.041 *14*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1380.3 *2*	0.54 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1380.4 *8*	0.107 *17*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1380.4 *10*	0.33 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1380.5 *5*	†106 *18*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1380.5 *1*	1.69 *18*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1380.53 *8*	2.52 *13*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1380.58 *6*	23.0 *13*	^{115}Te(5.8 m)	723.569(30), 1326.83(22.7), 1098.64(16.3)
1380.6 *1*	0.273 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1380.7 *5*	0.09 *3*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1380.8 *2*	0.36 *4*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
• 1380.80 *20*	0.121 *16*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1380.83 *12*	†0.5 *1*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1380.9 *8*	0.38 *10*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1380.9 *6*	0.20 *8*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1381.0 *10*	0.040 *20*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
1381.0 *8*	0.00151 *22*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1381 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1381.0 *20*	0.054 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1381.0 *6*	1.27 *20*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1381.0 *3*	†13 *2*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1381.1 *2*	8.0×10^{-5} *4*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1381.1 *5*	0.007 *3*	^{208}Tl(3.053 m)	2614.533(99), 583.191(84.5), 510.77(22.6)
1381.2 *3*	0.37 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1381.27	0.28	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1381.37 *28*	0.33 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1381.4 *3*	0.40 *5*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1381.4 *3*	0.069 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1381.4 *3*	0.019 *4*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1381.42 *8*	0.0021 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1381.5 *5*	0.0093 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1381.5 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 1381.6 *4*	0.0015 *7*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1381.68 *8*	0.019 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1381.7 *3*	2.26 *18*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1381.71 *11*	0.57 *5*	^{93}Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
1381.8 *3*	0.14 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1381.8 *2*	0.025 *12*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1381.80 *85*	0.078 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1381.8 *3*		^{148}Pr(2.0 m)	301.702(95), 450.58(50), 697.61(40)
1381.8 *3*	†2.1 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1381.9 *2*	10.7 *10*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1381.9 *5*	0.058 *16*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1381.97 *10*	3.21 *21*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1382.0 *2*	0.016 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1382.0 *2*	†3.6 *6*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1382 *1*	0.00039 *13*	^{143}Ce(33.039 h)	293.266(42.80), 57.356(11.7), 664.571(5.69)
1382.03 *5*	1.72 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1382.1 *13*	0.5 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1382.1 *3*	0.22 *5*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1382.12 *13*	0.037 *19*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1382.16 *3*	0.76 *5*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1382.16 *3*	0.0027 *10*	^{78}Br(6.46 m)	613.725(14), 884.861(0.068), 694.916(0.058)
1382.24 *10*	5.7 *3*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1382.3 *4*	0.124 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1382.3 *2*	1.12 *7*	^{123}In(5.98 s)	1130.5(63), 1019.7(32), 618.8(2.6)
1382.4 *3*	0.4	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1382.4 *4*	0.151 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1382.406 *26*	0.74 *3*	^{88}Rb(17.78 m)	1836.063(21.40), 898.042(14.04), 2677.892(1.96)
• 1382.406 *26*	0.021 *6*	^{88}Y(106.65 d)	1836.063(99.2), 898.042(93.7), 2734.086(0.71)
1382.44 *8*	0.406 *21*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1382.55 *6*	0.288 *10*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1382.6 *9*	0.7 *6*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1382.6		^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1382.7 *3*	0.19 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1382.70 *7*	1.15 *6*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1382.7 *5*	0.068 *24*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1382.71 *9*	2.86 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1382.79 *9*	0.42 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1382.9 *2*	0.74 *12*	^{197}Pb(8 m)	385.85(50), 761.14(13.3), 375.48(12.8)
1382.94 *8*	0.334 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1383	†1.3	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1383		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1383	†1.0	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1383.0	0.7	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1383.12 *5*	0.314 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1383.2 *6*	0.048 *12*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1383.2 *3*	0.139 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1383.37 *9*	0.086 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1383.39 *22*	0.090 *9*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1383.43 *20*	0.195 *21*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1383.5 *5*	0.07 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1383.5	†>10	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1383.5 *3*	0.011 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1383.5 *5*	†3.8	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1383.51 *8*	19	^{29}S(187 ms)	1953.83(17.02), 2422.5(15.5), 3338.8(14.4)
• 1383.60 *20*	0.188 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1383.6 *4*	0.13 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1383.62 *25*	0.159 *24*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1383.7 *3*	†1.7 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1383.7 *10*	0.57 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1383.8 *5*	0.035 *3*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1383.8	0.18	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1383.8 *8*	0.13 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1383.83 *40*	0.18 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 1383.864 *35*	0.0034 *3*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1383.87 *18*	0.34 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1383.9	†7	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1383.93 *5*	90 *3*	^{92}Sr(2.71 h)	953.31(3.52), 430.49(3.28), 241.56(2.92)
1383.93 *17*	0.88 *14*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1383.94 *17*	0.0054 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1384		^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1384.0 *10*	0.38 *10*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1384.0 *6*	0.121 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1384.1 *3*	10.1 *19*	^{21}Mg(122 ms)	331.91(51), 1715.9(0.65)
1384.2 *6*	0.20 *4*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1384.2 *3*	0.133 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1384.300 *5*	24.12 *8*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1384.300 *5*	0.187 *10*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1384.3 *6*	0.22 *7*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1384.4 *3*	0.51 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1384.4 *6*	0.028 *11*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1384.4	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1384.416 *24*	0.050 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1384.5 *4*	†1.7 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1384.6 *3*	3.6 *7*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1384.6 *3*		^{93}Rb(5.84 s)	814.98(†27000), 569.8(†800), 963.5(†460)
1384.6 *1*	†1.4 *3*	^{172}Ir(2.0 s)	227.8(†100.0), 378.4(†62.0), 448.4(†40.5)
1384.6	0.19	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1384.75 *22*	0.23 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1384.8 *2*	0.34 *8*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1384.8 *2*	0.0084 *18*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1384.9	0.20 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1384.9 *5*	0.190 *24*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1385		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1385.0 *4*	†14 *2*	^{160}Eu(38 s)	173.19(†100), 513.6(†60), 412.56(†56)
1385.1 *1*	0.79 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1385.15 *12*	0.0030 *3*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
1385.17 *15*	1.37 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1385.2 *10*	0.33	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1385.2 *3*	0.69 *10*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
• 1385.2 *2*	0.052 *8*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1385.2 *5*	0.099 *25*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1385.21 *8*	5.7 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1385.21 *8*	†7×10^{02}	^{94}Rb(2.702 s)	432.61(†9000), 213.429(†6000), 986.05(†4100)
1385.3 *1*	0.0019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1385.3 *3*	†6.3 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1385.3 *6*	1.2 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1385.31 *3*	0.89 *9*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1385.35 *10*	1.25 *9*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1385.39 *10*	0.0109 *21*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1385.4 *4*	0.105 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1385.42 *9*	0.079 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1385.42 *6*	0.00202 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1385.5 *3*	0.076 *16*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
• 1385.50 *30*	0.0448 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1385.6 *4*	0.18 *3*	^{136}I(46.9 s)	1313.02(100), 381.359(100), 197.316(78)
1385.61	0.38	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1385.7 *2*	0.046 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1385.78 *21*	0.0075 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1385.8 *5*	0.15 *7*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1385.8	0.23	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1386.0 *3*	†0.58 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1386.00 *40*	0.026 *7*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1386 *1*	0.12 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1386.05 *28*	0.052 *10*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1386.07 *8*	0.518 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1386.1 *2*	0.39 *4*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1386.15 *10*	0.009 *3*	^{133}I(20.8 h)	529.872(87.0), 875.329(4.51), 1298.223(2.35)
1386.19 *11*	0.515 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1386.2 *3*	1.12 *10*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1386.3 *1*	0.064 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
• 1386.302 *17*	0.103 *5*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1386.35 *10*	0.99 *6*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1386.37 *6*	0.1057 *16*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1386.39 *21*	0.076 *11*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1386.4 *1*	0.210 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1386.5 *2*	†0.10	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1386.62 *15*	0.195 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1386.64 *6*	†137 *12*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1386.69 *7*	1.26 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1386.8 *10*	0.11 *4*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1386.82 *10*	0.252 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1386.85 *24*	0.022 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1386.86 *16*	0.371 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1386.9 *3*	3.0 *7*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
1386.95 *12*	1.32 *18*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1386.95 *12*	0.024 *4*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 1386.95 *12*	0.155 *11*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1386.98 *24*	3.5 *4*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1386.99 *17*	0.55 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1386.99 *3*	1.08 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1387.0 *4*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1387.0 *5*	0.0194 *14*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1387.0 *4*	0.045 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1387.04 *5*	2.25 *14*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 1387.093 *4*	5.6 *3*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1529.72(5.1)
• 1387.093 *4*	0.869 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1387.1 *4*	0.025 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1387.1 *3*	0.34 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1387.11 *7*	3.42 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 1387.18 *2*	>0.13	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1387.21 *19*	0.34 *9*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1387.3 *3*	0.17 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1387.34 *13*	11.8 *3*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1387.4 *4*	0.014 *11*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1387.4 *5*	1.85 *20*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
• 1387.4022 *5*	0.0708 *8*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
1387.4022 *5*	0.016 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1387.4022 *5*	0.26 *3*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1387.41 *7*	0.0034 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1387.47 *14*	†39	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1387.5 *6*	0.64 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1387.56 *7*	†39	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1387.56 *7*	0.9 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1387.6 *3*	0.079 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1387.6 *10*	0.081 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1387.67 *17*	5.4 *6*	^{112}Ag(3.130 h)	617.27(43), 606.49(3.1), 694.66(3.0)
1387.69 *19*	0.065 *10*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1387.76 *22*	0.293 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1387.8 *4*	1.6 *9*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1387.8 *2*	0.67 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1387.8 *3*	0.130 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1387.8 *4*	1.02 *10*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1387.9 *1*	0.00672 *5*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
1387.92 *9*	1.35 *10*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1388.0 *15*	0.03 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1388.0	6.3 *7*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
1388.0	†60	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 100.7(†60)
1388.0 *4*	†5.0 *5*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
1388.0 *10*	†0.5 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1388 *1*	3.4 *6*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1388.06 *24*	0.126 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1388.1 *4*	0.87 *12*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1388.12 *17*	0.022 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1388.13 *24*	0.22 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1388.2 *3*	0.24 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1388.3 *1*	0.44 *5*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1388.44 *23*	0.58 *10*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1388.47 *5*	0.042 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1388.48 *6*	2.697 *23*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1388.5 *6*	2.0 *3*	^{96}Pd(122 s)	124.70(65), 762.3(50.0), 499.7(17.9)
1388.5 *2*	0.54 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1388.5 *2*	>0.32	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1388.58 *20*	0.044 *15*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1388.7 *6*	0.23 *5*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1388.7 *10*	0.29 *7*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1388.8 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1388.8	0.16	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1388.82 *6*	0.1012 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1389.00 *1*	0.191 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1389.00 *1*	0.770 *23*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1389.0 *8*	0.13 *7*	^{153}Ho(2.0 m)	295.8(67), 637.0(5.36), 688.5(3.7)
1389.0 *5*	2.5 *3*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1389.0 *10*	0.223 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1389.1 *4*	0.0117 *8*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1389.1 *2*	†0.55 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1389.1 *10*	0.18 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1389.2 *5*	0.44 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1389.22 *18*	0.44 *11*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1389.22 *20*	†15	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1389.3 *2*	0.051 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1389.3 *8*	0.43 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1389.3 *3*	0.28	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1389.4 *3*	†2.0 *2*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1389.48 *22*	0.25 *5*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
• 1389.5 *2*	0.056 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1389.56 *11*	2.11 *20*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
• 1389.6 *3*	0.020 *5*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1389.6 *2*	0.072 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1389.64 *27*	0.063 *10*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1389.66 *8*	0.043 *6*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1389.70 *10*	1.80 *15*	^{122}In(1.5 s)	1140.55(29), 2759.13(3.1), 1013.34(2.7)
1389.77 *7*	0.11 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1389.77 *8*	0.119 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1389.8 *4*	0.037 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1389.87 *21*	9.8 *6*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1390.0 *3*	2.05 *14*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1390.0 *4*	0.49 *11*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1390.04 *9*	0.31 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1390.2 *4*	0.0092 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1390.4 *4*	0.0793 *23*	^{47}V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
1390.4 *3*	0.33 *3*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1390.4 *2*	0.20 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1390.4 *2*	0.0048 *13*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1390.4 *4*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1390.43 *20*	0.34 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1390.44 *5*	0.085 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1390.44 *5*	0.239 *8*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
• 1390.44 *14*	0.0098 *12*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1390.47 *14*	0.092 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1390.6 *6*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1390.7 *2*	0.046 *4*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1390.7 *7*	0.015 *10*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1390.7 *10*	1.26 *11*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1390.76 *18*	0.35 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1390.8 *10*	0.218 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1390.9 *2*	†2.6 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1390.9 *3*	0.117 *10*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1390.9	0.08	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1390.97 *5*	0.0045 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1391 *1*	0.07 *3*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1391.0	0.055 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1391.0 *5*	1.2 *4*	^{195}Pb(15.0 m)	383.64(106.9), 394.21(44), 878.40(24.2)
1391.1 *5*	†5.5 *22*	^{155}Nd(8.9 s)	180.574(†100), 418.99(†75), 955.08(†50)
1391.2 *6*	0.0058 *19*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1391.2 *3*		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1391.2 *3*	0.50 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1391.25 *15*	2.50 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1391.52 *24*	†5.4 *10*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1391.6 *3*	0.43 *8*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1391.6 *10*	0.13 *6*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1391.61	†2.2	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1391.7 *3*	0.052 *8*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1391.7 *2*	0.26 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1391.8 *4*	0.71 *14*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1391.80 *21*	0.82 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1391.8 *10*	1.1 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1391.83 *25*	4.4 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1391.87 *4*	†3.44×10^{3} *20*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1391.87 *4*	2.27 *9*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1391.9 *7*	0.30 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
• 1391.9	0.033 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1391.97 *23*	†2.7 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1391.97 *14*	0.9 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1392.00 *20*	0.156 *25*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1392.0 *4*	†1.4 *4*	^{198}Tl(1.87 h)	636.4(†202), 411.8044(†202), 587.2(†185)
1392.1 *5*	4.5 *9*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1392.1 *3*	0.036 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1392.20 *10*	0.39 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1392.2 *4*	0.8 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1392.2 *5*	0.040 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
• 1392.2	0.265 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1392.20 *10*	22.0 *6*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
• 1392.209 *13*	>2.1×10^{-5}	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
• 1392.27 *4*	0.11	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1392.27 *4*	1.2	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1392.3 *5*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1392.3 *3*	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1392.3 *2*	†0.34 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1392.30 *11*	†33 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1392.31 *15*	0.0137 *16*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1392.4 *3*	0.139 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1392.4 *2*	8.0×10^{-5} *4*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1392.4 *5*	0.13 *4*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1392.5 *4*	0.018 *9*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1392.55 *8*	0.097 *15*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1392.6 *4*	0.66 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1392.7 *2*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1392.7 *7*	0.57 *10*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1392.7 *3*	0.55 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1392.74 *17*	0.55 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1392.8 *4*	0.0092 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1392.8 *3*	0.087 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1392.98 *53*	0.13 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 1393 *2*		^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1393.0 *5*	0.120 *14*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1393.0 *8*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1393.0 *3*	0.012 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1393.0 *15*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1393.1 *6*	0.11 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1393.1 *2*	0.0062 *12*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1393.1 *3*	0.72 *10*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1393.2 *3*	0.017 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1393.3 *4*	†4.0 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1393.4 *3*	1.00 *15*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1393.5 *3*	1.2	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1393.5 *3*	0.72 *19*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1393.6 *10*	0.22 *3*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1393.61 *11*	0.56 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 1393.65 *16*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1393.8	0.17 *4*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1393.83 *4*	0.2627 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1393.9 *1*	14.4	^{154}Pm(1.73 m)	2057.76(17.1), 81.99(12.6), 2139.76(9.7)
1393.9 *4*	0.26 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1393.9 *1*	2.06 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1394.0 *2*	27	^{51}Ca(10.0 s)	861.6(35), 1167.5(23), 1480.1(22)
1394.0 *5*	†0.077 *16*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1394		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1394.07 *10*	0.131 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1394.07 *13*	0.50 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1394.1 *2*	0.034 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1394.2 *2*	1.22 *3*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1394.2 *5*	0.051 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1394.2 *10*	0.06 *4*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1394.2 *5*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1394.2 *10*	0.35 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1394.35 *14*	2.8 *3*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1394.35 *14*	1.49 *18*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1394.4 *4*	1.1 *6*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1394.4 *2*	†6 *1*	^{181}Hg(3.6 s)	147.8(†100), 42.5(†25), 1986.7(†17)
1394.42 *9*	0.98 *4*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1394.449	0.131 *8*	^{43}K(22.3 h)	372.760(87), 617.490(79.2), 396.861(11.85)
1394.50 *20*	0.81 *13*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1394.5 *2*	0.16 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1394.6 *3*	1	^{80}Y(35 s)	385.86(100), 595.06(39), 1185.20(20)
1394.6 *4*	0.171 *16*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1394.7	1.18 *16*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1394.70 *25*	†0.34 *8*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1394.7 *2*	0.27 *5*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1394.7 *1*	0.0157 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1394.7 *6*	†10.3 *11*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
• 1394.83 *9*	0.142 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1394.84 *7*	0.61 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1394.9 *4*	0.49 *6*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1395 *1*	0.0042 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1395 *1*	0.076 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1395.0 *3*	†1.7 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1395.0 *3*	0.110 *19*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1395.0 *2*	†86 *19*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1395.0 *15*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
• 1395.03	0.40 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1395.05 *7*	0.084 *9*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1395.1 *2*	0.0254 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1395.1 *3*	0.09 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1395.1 *3*	†0.67 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1395.139 *30*	5.0×10^{-5} *3*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1474.88(0.0198)
1395.139 *30*	0.471 *3*	^{82}Rb(1.273 m)	776.517(13), 698.374(0.133), 1474.88(0.079)
1395.16 *7*	0.031 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1395.2 *2*	2.3 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1395.2	0.09 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1395.26 *19*	0.0021 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1395.27 *4*	0.340 *25*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1395.3 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1395.39 *15*	4.1 *8*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1395.4 *5*	0.025 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1395.46 *19*	0.44 *3*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1395.5 *4*	0.066 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1395.5 *5*	0.0028 *8*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1395.55	0.31	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1395.65 *10*	0.403 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1395.7 *4*	0.25 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1395.8 *4*	†4.1 *10*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1395.9	1.4	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1395.9 *5*	0.17 *9*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
1396	17.0 *3*	^{21}F(4.158 s)	350.72(99), 1745.5(0.855), 4334(0.0526)
1396		^{92}Br(0.343 s)	769(†100), 1446(†10), 1035(†6)
1396.0 *5*	0.52 *18*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1396.0 *5*	†20.7	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1396.03 *10*	0.15	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1396.1 *1*	0.0031 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1396.16 *13*	0.95 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1396.19 *4*	1.42 *8*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1396.2 *1*	39	^{93}Ru(10.8 s)	1111.2(26.2), 2039.1(9.2), 928.3(1.66)
1396.2 *5*	0.23 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1396.2 *5*	0.18 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1396.4 *5*	†1.7 *6*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1396.4 *15*	0.09 *6*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1396.4 *16*	0.04 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1396.4 *3*	0.18 *6*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1396.4 *5*	†1.2 *2*	^{182}Au(21 s)	154.76(†100), 264.33(†40.0), 855.41(†14.5)
1396.45 *30*	1.4 *3*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1396.5	0.61	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1396.5 *2*	†0.45 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1396.53 *6*	2.10 *9*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1396.6 *1*	2.4 *3*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
• 1396.6 *3*	0.00060 *20*	^{144}Pm(363 d)	696.510(99), 618.01(98.6), 476.8(42.0)
• 1396.7 *6*	0.0183 *24*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1396.730 *29*	0.0354 *9*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1396.8 *4*	0.0028 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1396.8 *4*	†0.18 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1396.99 *6*	0.182 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1397 *1*	0.10 *7*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1397.0 *3*	0.104 *12*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1397.0 *1*	79	^{147}Tb(1.83 m)	1797.1(14), 1643.0(1.2), 997.1(1.2)
1397.0 *1*	0.059 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1397.0 *10*	†1.4 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1397.1 *1*	0.38 *7*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1397.1 *10*	1.2 *7*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1397.1 *4*	0.15 *5*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1397.2 *2*	8.0 *18*	^{141}Gd(24.5 s)	351.1(89), 223.9(64), 574.9(51)
• 1397.24 *14*	0.150 *11*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1397.3 *3*	0.0075 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1397.3 *3*	1.67 *17*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1397.4 *2*	0.00265 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1397.4 *2*	0.00299 *25*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1397.4 *6*	0.030 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1397.4 *5*	0.13 *3*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1397.4 *4*	0.24 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1397.5 *3*	1.27 *25*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1397.5 *5*	0.15	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
• 1397.50 *3*	0.181 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1397.5 *2*	0.082 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1397.52 *3*	7.03 *15*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1397.52 *22*	1.70 *20*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1397.59 *21*	0.4	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1397.6	0.32	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1397.6 *8*	0.008 *4*	^{53}Fe(8.51 m)	377.88(42), 1619.9(0.50), 2273.5(0.38)
1397.60 *9*	0.97 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1397.7 *5*	0.057 *16*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1397.8 *3*	0.025 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1397.9 *3*	17.3 *12*	^{29}Mg(1.30 s)	2223.9(38), 960.3(15.8), 1754.1(10.4)
1397.9 *3*	†0.90 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1397.92 *5*	0.79 *4*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1397.92 *5*	0.094 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1398.0 *5*	0.6 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1398.0 *6*	0.087 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1398.0 *9*	0.74 *20*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1398.0 *5*	0.07 *7*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1398 *1*	†1.04 *21*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1398.0 *6*	0.078 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1398.0 *3*	†7.0 *4*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1398.1 *1*	0.8	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1398.1 *6*	0.056 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1398.2 *2*	0.26 *7*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1398.2 *4*	0.38 *20*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1398.2 *5*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1398.3 *2*	0.045 *8*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1398.3 *3*	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1398.30 *20*	0.067 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1398.3 *7*	0.30 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1398.3 *3*	0.38 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1398.37 *22*	0.34 *3*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1398.42 *10*	4.6 *7*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1398.49 *8*	0.0047 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1398.5 *9*	0.097 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1398.5 *6*	0.37 *7*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1398.5 *2*	0.078 *10*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1398.5 *5*	0.0050 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1398.57 *10*	7.01 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1398.6 *4*	0.39 *7*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1398.6 *3*	0.16 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1398.60 *7*	†9.2 *3*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1398.76 *6*	0.433 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1398.80 *20*	0.090 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1398.9 *2*	1.35 *14*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1399.0 *3*	5.7 *3*	^{86}Se(15.3 s)	2441.1(43.0), 2660.0(21.6), 48.3(15.4)
1399.0 *6*	0.53 *17*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1399	†0.03 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1399.08 *18*	0.48 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1399.16 *3*	0.0188 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1399.2 *1*	2.39 *20*	^{142}Tb(597 ms)	515.0(25), 465.0(2.7), 853.1(2.42)
• 1399.2 *2*	0.166 *10*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1399.2 *6*	0.316 *24*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1399.3 *5*	0.11 *5*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1399.3 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1399.40 *20*	2.5 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1399.40 *20*	2.4 *3*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1399.6 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1399.69 *5*	2.00 *19*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
• 1399.7 *3*	0.0032 *6*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1399.7 *3*	0.059 *20*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1399.7 *3*	0.54 *9*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1399.77 *13*	0.246 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1399.83 *17*	0.075 *9*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1399.9 *2*	4.5 *14*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1399.9 *2*	0.48 *8*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1399.9 *5*	0.11 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1399.98 *25*	0.0034 *8*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1400.0 *15*	0.04 *1*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1400.0 *2*	4.5 *4*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1400.0 *2*	4.6 *6*	^{97}Y(1.17 s)	1103.0(92.6), 161.4(71.8), 1091(56)
1400.0 *4*	0.34 *4*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1400.0 *3*	0.13 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1400.13 *12*	0.00173 *12*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1400.3 *1*	0.0121 *11*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1400.3 *7*	0.53 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1400.3 *1*	0.175 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1400.33 *6*	0.418 *21*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1400.4 *4*		^{150}Tm(2.2 s)	1578.9(91), 474.5(86), 207.6(82)
1400.4 *3*	†6.0 *8*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1400.5 *5*	0.11 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1400.5 *5*	0.0025 *1*	^{171}Er(7.516 h)	308.31(64.4), 295.901(28.9), 111.621(20.5)
1400.6 *3*	†3.8 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1400.6 *3*	0.32 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1400.7 *7*	†0.7	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1400.7 *3*	0.066 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1400.74 *3*	0.514 *5*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1400.8 *3*	0.030 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1400.8 *4*	†11 *2*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1400.85 *30*	0.064	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1401.0 *5*	†1.3 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1401.0 *1*	0.33 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1401.1 *6*	0.72 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1401.16 *4*	0.074 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1401.2 *4*	0.17 *4*	^{100}Sr(202 ms)	963.85(22.0), 898.50(18.9), 65.46(15.2)
1401.29 *8*	0.132 *7*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
• 1401.36 *6*	0.00346 *9*	^{129}Te(33.6 d)	695.88(2.988), 729.57(0.70), 556.65(0.118)
1401.4 *3*	0.049 *7*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1401.41 *16*	0.088 *10*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1401.49 *10*	0.013 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1401.5 *6*	0.76 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1401.50 *15*	0.32 *6*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1401.50 *4*	1.55 *17*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1401.6 *2*	0.90 *16*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1401.6 *2*	1.09 *9*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
• 1401.6 *4*	0.0037 *9*	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1401.60 *3*	0.008 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1401.6 *2*	0.070 *10*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
• 1401.73	0.046	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1401.8 *2*	†4.4 *4*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1401.9 *3*	0.0029 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1401.9 *3*	0.52 *3*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1401.94 *10*	1.01 *6*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1401.95 *25*	1.2	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1402.0 *3*	0.23 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1402.0 *4*	0.011 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1402.1 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1402.1 *7*	3.6 *7*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1402.1 *4*	†0.11 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1402.13 *6*	0.63 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1402.16 *15*	1.19 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1402.2	0.26 *6*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1402.2 *5*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1402.2 *2*	†0.54 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1402.2 *3*	0.126 *25*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1402.4 *1*	0.00133 *19*	^{55}Cr(3.497 m)	1528.3(0.037), 2252.4(0.0031), 125.95(0.00174)
1402.4 *2*	2.15 *19*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1402.4 *2*	2.0	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1402.4 *3*	0.088 *9*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1402.4	†3.1	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1402.4	0.009 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1402.4	0.008 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1402.4 *1*	†0.9	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1402.4 *7*	0.143 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1402.5 *2*	0.0085 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1402.53 *3*	0.141 *9*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1402.53 *3*	0.725 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1402.56 *5*	0.0540 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1402.7 *5*	0.176 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1402.7 *7*	0.29 *9*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1402.8 *2*	0.15 *3*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1402.8 *3*	†1.0 *1*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1402.8 *4*	0.117 *12*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1402.889 *34*	0.0102 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1402.90 *25*	†0.23 *8*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1402.9 *4*	0.189 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1402.91 *9*	0.43 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1403.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1403.06 *7*	0.74 *4*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1403.09 *10*	0.389 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1403.14 *6*	0.75 *4*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1403.2 *3*	0.67 *6*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1403.22 *8*	0.576 *18*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1403.22 *8*	0.48	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1403.27 *15*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1403.3 *1*	1.40 *14*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1403.3 *4*	0.07 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1403.37 *15*	0.44 *11*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1403.4 *3*	0.083 *4*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1403.4 *4*	0.14	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1403.45 *15*	0.16 *3*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1403.5 *5*	0.051	^{121}In(3.88 m)	60.34(20), 1041.1(1.12), 1100.7(0.92)
1403.6 *2*	1.63 *10*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1403.6 *5*	0.24 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1403.6 *5*	0.05 *3*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
• 1403.6 *6*	0.015 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1403.66 *11*	0.64 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1403.79	0.202 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1403.8 *4*	0.24 *4*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1403.88 *5*	0.049 *4*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1403.9 *5*	0.12 *5*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1403.90 *3*	0.345 *16*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1403.92 *4*	0.0047 *5*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1404.0 *5*	0.70 *3*	^{125}Sn(9.52 m)	332.10(97.2), 589.6(0.20), 1483.9(0.18)
1404.1 *3*	0.5	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1404.16 *25*	0.129 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1404.224 *35*	†3.02 *7*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1404.23 *7*	2.84 *11*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1404.33 *19*	0.156 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1404.4 *7*	0.0069 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1404.4 *1*	0.12 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1404.4 *5*	0.018 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1404.47 *20*	0.27 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1404.5 *3*	0.014 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1404.51 *11*	0.212 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1404.54 *11*	0.0029 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1404.56 *7*	2.87 *25*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1404.6 *2*	3.08 *12*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1404.6 *3*	0.28 *13*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1404.70 *30*	0.039 *7*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1404.8 *4*	0.18 *5*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1404.90 *10*	3.86 *18*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1405.0 *5*	9.3 *9*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1405		^{130}Pr(40.0 s)	951.9, 499.0, 1282
1405.0 *9*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1405.0 *3*	0.10 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1405.0 *5*	0.43 *9*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
• 1405.01 *8*	1.434 *25*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1405.07 *4*	0.96 *5*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1405.1	0.327 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1405.1 *4*	0.0113 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1405.12 *8*	0.018 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
• 1405.15 *10*	0.291 *8*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1405.20 *17*	0.059 *7*	^{140}La(1.6781 d)	1596.210(95), 487.021(45.5), 815.772(23.28)
1405.2 *10*	0.10 *6*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1405.23 *51*	0.054 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1405.27 *4*	0.062 *6*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1405.28 *9*	4.8 *3*	^{92}Y(3.54 h)	934.46(13.9), 561.03(2.40), 448.34(2.34)
1405.3 *2*	3.3 *4*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1405.3 *3*	0.11 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1405.36 *3*	0.76 *3*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1405.37 *22*	0.099 *12*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1405.4 *1*	0.41 *4*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1405.4 *5*	†0.23 *3*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1405.5 *3*	0.59 *5*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1405.5 *5*	0.61 *10*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1405.5 *8*	†>0.36	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1405.6 *5*	0.23 *3*	^{167}Dy(6.20 m)	569.7(48), 259.33(27.9), 310.26(25.0)
1405.7 *4*	8.7 *19*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1405.84 *7*	0.059 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1405.9 *2*	2.82 *18*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1405.9 *3*	0.077 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1406.1 *4*	†2.3 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1406.1 *3*	0.27 *3*	^{177}W(135 m)	115.65(50), 426.98(13.2), 1036.4(10.3)
1406.14 *28*	0.998 *12*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
• 1406.23 *5*	0.225 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1406.3 *4*	0.0022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1406.4 *15*	0.16 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1406.5 *1*	0.0021 *5*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1406.5 *8*	0.39 *23*	^{117}Ag(72.8 s)	135.4(23), 337.7(10.3), 157.1(7.9)
1406.5	0.20	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1406.5 *5*	0.0007 *4*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1406.5 *2*	†3.0×10^2 *10*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1406.6 *5*	5 *3*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1406.6 *4*	0.216 *20*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1406.6 *3*	1.2 *4*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1406.6 *3*	0.0043 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1406.60 *20*	1.03 *15*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1406.7 *10*	>0.005	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1406.80 *20*	1.05 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1406.89 *20*	0.63 *6*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
• 1406.9 *2*	1.71 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1406.94 *10*	0.218 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1406.95 *10*	3.5 *3*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1407.0	0.16	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1407.05 *16*	0.74 *11*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1407.1 *10*	0.032 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1407.2 *9*	0.08 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1407.3 *3*	0.0014 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1407.3 *5*	15.1 *22*	^{104}Sn(20.8 s)	132.7(56), 912.6(42), 401.2(16.2)
1407.4 *2*	0.095 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
• 1407.43 *15*	0.13 *7*	^{119}Te(4.70 d)	153.59(66), 1212.73(66), 270.53(28.0)
1407.5 *1*	0.13 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1407.5	0.047 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1407.5 *5*	0.10 *5*	^{237}Pa(8.7 m)	853.6(34), 865.1(15.5), 529.26(14.9)
1407.6 *5*	†0.76 *15*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
1407.6 *2*	0.096 *19*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1407.6	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1407.615 *15*	1.45 *13*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1407.65 *18*	0.34 *5*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1407.78 *12*	†22 *3*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1407.8 *3*	0.174 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1407.8 *5*	0.9	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1407.98 *4*	2.8 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1408.0	0.554 *18*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
1408 *2*	0.06	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1408.0 *5*	†0.67 *16*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1408.0 *9*	†0.21 *3*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1408.0 *2*	0.31 *6*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 1408.0		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1408.0	0.18	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1408.0 *15*	†9	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1408.011 *14*	0.191 *25*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 1408.011 *14*	20.87 *6*	^{152}Eu(13.542 y)	121.7824(28.4), 964.131(14.34), 1112.116(13.55)
1408.1 *2*	100 *5*	^{54}Co(1.48 m)	1129.9(98), 411.4(97)
1408.1 *3*	3.3 *6*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1408.1 *2*	0.672 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1408.2 *13*	0.14 *4*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
• 1408.2 *2*	1.20 *6*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1408.2 *2*	0.0232 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1408.2 *2*		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1408.2 *2*	0.28	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1408.2 *5*	†>1.6	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1408.23 *15*	3.06 *22*	^{187}Au(8.4 m)	1331.81(7.0), 914.73(3.02), 1266.50(2.41)
1408.3 *6*	0.54 *24*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1408.3 *5*	0.3 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1408.3 *2*	0.010 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1408.3 *10*	2.7 *7*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1408.39 *22*	3.1	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1408.39 *22*	2.3 *5*	^{116}Ag(10.4 s)	513.39(92), 705.82(61), 1028.90(30.4)
1408.4 *2*	16.88 *8*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1316.4(7.09)
1408.4 *10*	0.38	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1408.4 *3*	†0.71 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1408.5 *3*	0.0162 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1408.5 *3*	0.15 *8*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1408.5 *5*	0.50	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1408.52 *25*	0.057 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1408.6 *5*	0.085 *9*	^{45}Ti(184.8 m)	720.22(0.154), 1662.4(0.041), 425.1(0.0137)
1408.6 *7*	0.37 *7*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1408.6 *2*	0.54 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1408.72 *3*	1.28 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1408.8 *2*	0.56 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1408.9 *2*	0.63 *6*	^{49}Ca(8.715 m)	3084.4(92), 4071.9(7.0), 2371.7(0.49)
1408.9 *4*	0.032 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1408.9 *5*	0.69 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1408.9 *10*	0.05 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1408.92 *21*	†0.96 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1409 *1*	0.0035 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1409.0 *8*	†1.5 *5*	^{132}Pr(1.6 m)	325.5(†100), 496.9(†25), 822.4(†17.3)
1409 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1409.0 *6*	0.017 *7*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1409.1 *10*	0.0065 *19*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1409.1	0.11	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1409.1 *2*	0.044 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1409.12 *8*	0.0333 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1409.16 *2*	0.141 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1409.2 *3*	0.053 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1409.3 *3*	0.94 *15*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1409.3 *1*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1409.3 *6*	†1.2 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1409.395 *9*	0.464 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1409.4 *10*	†2.0 *9*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
• 1409.5 *8*	>0.005	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1409.66 *38*	0.12 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1409.7 *2*	0.64 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1409.7 *5*	0.40 *11*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1409.75 *15*	0.15	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1409.80 *10*	0.89 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1409.8	0.08 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1409.81 *5*	0.1130 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1409.86 *5*	1.15 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1409.9 *5*	†>1.6	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1409.9 *5*	0.77 *11*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1409.91	0.7	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1410.0 *15*	0.010 *5*	^{87}Zr(1.68 h)	1227(1.0), 1209.8(0.33), 1024(0.28)
1410.00 *10*	0.37 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1410.0 *10*	†0.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1410.0 *10*	0.110 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1410 *20*	4.9 *20*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1410	†<3	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1410.03 *14*	0.036 *8*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1410.06 *16*	0.43 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
• 1410.08 *3*	0.0394 *10*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)
• 1410.08 *3*	0.278 *18*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1410.19 *3*	0.459 *17*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1410.2 *3*	1.13 *9*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
• 1410.3 *4*	0.128 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1410.4 *2*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1410.4 *3*	0.111 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1410.4 *3*	0.038 *6*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1410.58 *7*	0.173 *10*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1410.60 *7*	2.49 *16*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1410.6 *3*	0.043 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1410.60 *10*	†5.9 *5*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1410.7 *3*	1.1 *4*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1410.7 *4*	0.40 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1410.7 *4*	0.0031 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1410.757 *19*	0.163 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1410.8 *3*	0.15 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1410.89 *20*	0.28 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1410.9 *5*	†2.5 *3*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1410.9 *7*	0.52 *6*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1411 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1411.0 *15*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1411.0 *10*	0.23 *5*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1411.06 *12*	1.15 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1411.1 *3*	0.14 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1411.1 *10*	0.13 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1411.1 *5*	0.081 *8*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1411.1 *4*	0.053 *7*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1411.3 *15*	0.13 *4*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1411.34 *10*	4.5 *4*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 577.97(4.4)
1411.4 *6*	0.078 *17*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1411.5 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1411.5 *8*	0.7 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1411.5 *3*	†17.1 *17*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1411.6	2.0 *2*	^{26}Na(1.072 s)	1808.63(99.0), 1129.65(5.3), 2541.2(2.5)
1411.6 *3*	0.050 *11*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1411.6 *4*	0.00059 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1411.70 *3*	0.0452 *7*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
1411.7 *5*	†0.33 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1411.73 *20*	0.8	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1411.74 *12*	1.63 *13*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1411.8 *8*	0.034 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1412 *2*	0.017	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1412.08 *5*	0.75 *3*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 449.93(0.236)
1412.08 *7*	0.071 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1412.1 *4*	0.07 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1412.24 *20*	0.28 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1412.3 *5*	0.033 *13*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1412.3 *3*	3.5 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1412.3 *3*	0.31 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1412.3 *4*	0.14 *7*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
• 1412.39 *10*	0.115 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1412.4 *3*	0.0162 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1412.4	†40	^{130}Ce(25 m)	1072.6(†100), 997.7(†100), 920.5(†100)
1412.4 *2*	0.76 *17*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1412.54 *17*	0.36 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1412.55 *24*	0.21 *4*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1412.59 *15*	0.265 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1412.6 *3*	8.8 *9*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1412.6 *2*	†13	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1412.7 *10*	0.2 *1*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1412.7 *3*	†0.33 *4*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1412.83 *17*	0.34 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1412.84 *11*	0.11	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1412.93 *15*	15.3 *8*	^{68}As(151.6 s)	1015.96(78), 761.61(33.8), 651.12(32.1)
1413	†<3	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1413		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1413.15 *5*	1.00 *6*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1413.19 *8*	1.09 *8*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
• 1413.20 *20*	0.220 *16*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1413.24 *18*	0.14 *3*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1413.3 *15*	0.068 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1413.317 *23*	0.00042 *10*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1413.4 *1*	0.979 *13*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1413.43 *20*	0.36 *3*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1413.5 *3*	†1.12 *18*	^{131}Ce(5.0 m)	230.43(†100), 436.85(†7.3), 462.9(†6.9)
1413.5 *3*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1413.52 *6*	†22.8 *25*	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1413.66 *10*	12.2 *12*	^{140}Xe(13.60 s)	805.52(20), 1315.05(8.2), 621.874(8.0)
1413.7 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1413.8 *1*	0.0261 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1413.81 *4*	0.059 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1413.9 *6*	0.55 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1414.0 *4*	>0.0027	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1414.0 *4*	†2.29×10^{3} *10*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1414.0 *4*	0.021 *4*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1414.0 *3*	0.028	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1414.05 *15*	0.77 *5*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1414.1 *12*	0.083 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1414.2 *3*	0.132 *17*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1414.23 *8*	0.50 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1414.29 *5*	1.13 *19*	^{98}Rh(8.7 m)	652.43(94), 745.36(5.3), 1817.0(4.7)
1414.29 *5*	3.8 *4*	^{98}Rh(3.5 m)	652.43(96), 745.36(78), 1144.52(8.5)
1414.3 *5*	0.22 *6*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1414.3 *5*	0.23 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1414.32 *8*	0.67 *9*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1414.45 *2*	0.30 *6*	^{145}Cs(0.594 s)	175.36(20), 198.93(10.9), 112.46(10.71)
• 1414.49 *5*	0.00401 *21*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1414.49 *5*	1.92 *15*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
• 1414.57 *20*	0.076 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1414.6 *3*	†3.4 *4*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1414.6 *6*	0.39	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1414.6 *1*	†1.80 *18*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1414.63 *19*	>0.23	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1414.73 *6*	0.197 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1414.76 *7*	0.97 *11*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1414.8 *2*	0.405 *22*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1414.80 *10*	8.7 *3*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1414.9 *3*	1.74 *18*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1414.9 *3*	0.010 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1414.93 *4*	0.248 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1414.97 *20*	0.61 *6*	^{150}Pr(6.19 s)	130.2(32), 722.5(7.0), 852.7(6.1)
1415.0 *2*	0.29 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1415.09 *11*	†11.1 *8*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1415.1 *2*	0.167 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1415.1 *9*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1415.1 *5*	†2.5 *5*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1415.20 *23*	0.33 *9*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1415.2 *8*	0.030 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1415.4 *5*	100 *10*	^{96}Ag(5.1 s)	683.8(96), 325.1(88), 106.4(40)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1415.4 *4*	0.19 *7*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1415.4 *4*	1.45 *12*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1415.43 *15*	1.5 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1415.5 *10*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1415.6	0.53	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1415.6 *3*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1415.6 *4*	0.08 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1415.63 *4*	0.022 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1415.68 *13*	0.37 *3*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 1415.7 *2*	0.232 *12*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1415.7 *10*	0.08 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1415.9 *2*	0.23 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1415.9 *5*	0.08 *4*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
1415.9	0.09 *4*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1415.9 *10*	0.135 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1415.93 *10*	0.0040 *4*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1416	0.044 *12*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
• 1416.09 *8*	0.00183 *6*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1416.1 *2*	48 *3*	^{52}Fe(45.9 s)	929.5(100), 869.9(93), 621.7(51)
1416.1 *10*	†1.6 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1416.28 *12*	0.00047 *10*	^{15}C(2.449 s)	5297.817(63.2), 8310.15(0.032), 9046.78(0.031)
1416.3 *4*	0.032 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1416.3 *20*	0.008 *4*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1416.3 *5*	†5.0 *5*	^{170}Ho(43 s)	812.3(†100.0), 1894.5(†45.2), 78.6(†40)
1416.4 *3*	0.27 *4*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1416.4 *6*	0.51 *23*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1416.42 *25*	0.15 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1416.48 *13*	0.067 *7*	^{85}Br(2.90 m)	802.41(2.56), 924.63(1.63), 919.06(0.65)
1416.50 *20*	1.36 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1416.5 *5*	1.2 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1416.5 *5*	0.33 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1416.5 *5*	0.26 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1416.5 *4*	0.174 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1416.5 *3*	0.30 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1416.6 *5*	0.6 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1416.7 *6*	0.034 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1416.7 *8*	0.38 *22*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1416.78 *9*	0.040 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1416.8 *1*	0.102 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
• 1416.80 *10*	0.0320 *14*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
1416.8 *10*	0.33 *14*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1416.89 *16*	1.129 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1416.9 *1*	0.042 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1416.90 *7*	0.131 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1416.92 *15*	0.050 *11*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1416.94 *20*	0.157 *22*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1417.0 *4*	0.10 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1417.0 *1*	3.9 *3*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
• 1417	0.00024 *14*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1417.0 *3*	0.95 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1417.0 *7*	0.19	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1417.1 *8*	6	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1417.2 *3*	17.2 *11*	^{146}Tb(23 s)	1579.4(100), 1078.6(51.6), 440.9(13.1)
1417.2 *1*	0.023 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1417.6 *7*	0.110 *9*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1417.6 *3*	†32 *3*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 54.6(†27)
1417.6 *3*	†3.4 *12*	^{129}Sb(17.7 m)	759.8(†100.0), 657.78(†92), 433.76(†73)
1417.6 *3*	†12	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1417.65 *17*	0.43 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1417.69 *13*	0.0119 *20*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1417.7 *1*	†0.86 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1417.7 *3*	0.37 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1417.77 *12*	†37 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1417.8 *3*	0.63 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1417.8 *5*	0.67 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
• 1417.88 *11*	0.0109 *14*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1417.90 *8*	0.95 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1417.90 *20*	0.030 *10*	^{93}Mo(6.85 h)	949.82(0.120), 689.07(0.070), 541.32(0.060)
1417.9 *2*	0.15 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1417.9 *3*	†2.6 *5*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1417.9 *8*	1.15 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1418.0 *10*	0.060 *20*	^{111}Pd(5.5 h)	70.44(8.3), 391.25(5.4), 632.80(3.6)
• 1418		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1418.0 *4*	†2.3 *8*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1418.02 *6*	0.56 *4*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1418.02 *6*	4.7 *4*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1418.03 *29*	0.026 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1418.1 *4*	0.074 *16*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1418.1 *2*	0.42 *8*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1418.1	0.5	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1418.240 *10*	0.00184 *8*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
1418.3 *5*	0.51 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1418.34 *11*	0.80 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1418.4 *4*	0.44 *4*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1418.4	0.49	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1418.5 *3*	0.12	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1418.5 *3*	0.30	^{104}Ag(33.5 m)	555.796(91), 1238.0(3.87), 2276.7(2.46)
1418.5 *7*	0.50 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1418.5 *20*	>0.7	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1418.51 *6*	0.122 *6*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1418.55 *10*	1.38 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1418.58 *8*	0.88 *5*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1418.6	0.44	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1418.6 *3*	0.28 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1418.6 *11*	0.52 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1418.6 *20*	>0.7	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
• 1418.65 *30*	0.0314 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1418.7 *3*	0.033 *6*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1418.79 *6*	0.629 *11*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1418.8 *3*	0.07 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1418.88 *3*	0.09	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
1418.9 *2*	0.075 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1419		^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
• 1419.0	0.00197 *11*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1419.0 *2*	†0.91 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1419.0 *10*	0.10 *4*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1419.1 *5*	0.23 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1419.12 *5*	0.0534 *19*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1419.20 *20*	0.92 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1419.2 *5*	1.26 *6*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1419.2 *4*	0.26 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1419.2 *7*	0.16 *5*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1419.3 *5*	1.2 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1419.35 *8*	1.7 *3*	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 1432.22(3.4)
1419.35 *8*	0.33 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 1419.4 *8*	0.035 *18*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1419.4		^{106}Sn(115 s)	386.8(†100), 477.5(†62), 253.30(†57)
1419.4 *7*	0.72 *14*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1419.4 *10*	0.14 *10*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1419.5 *8*	0.16 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1419.56 *6*	0.093 *12*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1419.6 *3*	†0.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1419.6 *9*	0.31 *9*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
• 1419.6 *5*	0.050 *19*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1419.6 *5*	0.04 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1419.68 *13*	0.042 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1419.70 *5*	0.487 *17*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
• 1419.7 *3*	0.147 *9*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1419.7 *3*	0.21 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1419.7 *6*	0.0050 *11*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1419.71 *7*	22.0 *15*	^{87}Br(55.60 s)	1476.04(7.9), 1577.60(6.0), 532.03(5.4)
1419.72 *13*	0.84 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1419.8 *4*	0.5 *4*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1419.8 *5*	0.0027 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1419.81 *8*	46 *3*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 123.071(43)
1419.9 *3*	0.12 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1420 *3*	0.80 *4*	^{46}K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
• 1420	0.007 *3*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1420 *1*	0.0006 *4*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1420		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1420.01 *10*	0.45	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1420.1 *5*	0.114 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1420.1 *4*	0.017 *6*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
• 1420.17 *2*	0.295 *6*	^{126}I(13.11 d)	666.331(33.1), 753.819(4.16), 2045.17(0.0046)
1420.2 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1420.22 *10*	0.043 *4*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1420.3 *5*	0.0022 *5*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
• 1420.3 *5*	0.037 *3*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1420.3 *5*	0.421 *20*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1420.3 *5*	0.46 *6*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1420.3 *2*	0.35 *6*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1420.3 *3*	2.03 *19*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1420.4 *3*	0.26 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1420.5 *2*	0.26 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1254.7(0.026), 1310.6(0.0159)
1420.5 *2*	0.122 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1420.5 *10*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1420.52 *56*	0.064 *21*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1420.6 *3*	1.13 *5*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1420.6 *1*	0.088 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1420.6 *5*	†1.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1420.6 *4*	0.094 *14*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1420.6 *3*	8.0 *9*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1420.6 *6*	0.100 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1420.65 *2*	0.0042 *3*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1420.66 *6*	0.91 *5*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 2110.91(0.76)
1420.7 *5*	0.02 *1*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1420.7 *5*	0.0065 *10*	^{140}Pr(3.39 m)	1596.210(0.50), 306.9(0.151), 751.637(0.032)
1420.72 *10*	0.60 *9*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1420.76 *7*	10.3 *11*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1420.8 *14*	0.08 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1420.9 *10*	0.125 *24*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1421.1 *8*	0.28 *4*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1421.1 *8*	†0.18 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1421.1 *4*	0.063 *16*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1421.2 *4*	0.028 *6*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1421.3 *2*	0.30 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1421.3 *5*		^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1421.3 *4*	†0.76 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1421.35 *10*	0.320 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1421.37 *15*	0.00088 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1421.44 *10*	12.23 *5*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1421.5 *7*	0.06 *3*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1421.5 *7*	0.25	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1421.54 *18*	0.48 *6*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1421.64 *20*	0.225 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1421.64 *7*	0.00063 *20*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1421.64 *7*	0.34 *3*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1421.66 *20*	2.2 *3*	^{86}Nb(88 s)	751.74(97.8), 914.81(78.1), 1003.24(37.4)
1421.67 *15*	1.3 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1421.7 *9*	10.7 *16*	^{53}Ti(32.7 s)	127.6(46), 228.4(40), 1675.5(25)
1421.7 *3*	0.64 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1421.7 *1*	0.042 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1421.79 *6*	0.96 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1421.8 *6*	1.13 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1421.8 *2*	†2.21 *19*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1421.9 *2*	†4	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1421.9 *8*	>0.023	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1421.9 *2*	0.149 *25*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1421.9	0.012	^{153}Tb(2.34 d)	212.038(31.0), 170.504(6.8), 109.758(6.4)
1421.9 *12*	0.022 *17*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1421.91 *13*	0.73 *6*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1421.94 *22*	0.95 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1422.0 *5*	0.98 *7*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1422.0 *5*	0.07 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1422.06 *13*	0.27 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1422.1	0.044 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1422.1 *5*	>0.18	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1422.19 *15*	0.028 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1422.2 *10*	0.16 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
• 1422.21 *18*	0.0134 *12*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1422.27 *6*	0.33 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1422.3 *5*	0.07 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1422.4 *3*	†11 *2*	^{113}I(6.6 s)	462.5(†100), 622.4(†74), 351.5(†43)
1422.5 *3*	†0.76 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1422.5 *2*	0.89 *13*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1422.5 *3*	0.112 *17*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1422.5 *3*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1422.58 *12*	0.108 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1422.6 *3*	1.94 *13*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1422.68 *7*	0.151 *5*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1422.8 *3*	0.099 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1422.9 *5*	†1.51 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1422.98 *11*	2.98 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1423.05 *13*	0.041 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1423.1 *5*	†9.6	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1423.1 *9*	3.1 *24*	^{122}Ag(0.48 s)	569.45(96), 759.70(33), 650.20(20)
1423.1 *4*	0.043 *20*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1423.19 *5*	0.361 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1423.2 *5*	0.18 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1423.2 *5*	0.30 *8*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1423.2 *4*	0.065 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1423.3 *7*	0.111 *11*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
• 1423.579 *25*	0.0279 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1423.65 *17*	0.256 *18*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1423.77 *6*	2.94 *7*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1423.77 *20*	0.378 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1423.8 *2*	3.5 *14*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1423.8 *3*	0.048 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1423.9 *3*	0.010 *3*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1423.9 *4*	0.26 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1423.92 *11*	1.03 *5*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1424.0 *7*	2.4	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1424.0 *10*	0.10 *3*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1424.1 *7*	0.86 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1424.14 *9*	†0.33 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1424.16 *9*	0.092 *6*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1424.3 *2*	0.00065 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1424.4 *5*	0.632 *10*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1424.4	0.6	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1424.50 *15*	0.210 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1424.506 *30*	0.188 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1424.54 *18*	0.135 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1424.6 *3*	0.20 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1424.7 *4*	0.020 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1424.73 *15*	0.0208 *20*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1424.8 *10*	100 *10*	^{66}Co(0.23 s)	1246.0(98), 471.3(23), 1020
1424.8 *3*	†2.63 *21*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1424.8 *5*	0.020 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1424.83 *15*	0.258 *20*	^{93}Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
1424.9 *3*	0.29 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1425.0 *5*	0.22	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1425.0 *2*	0.94 *10*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1425.03 *14*	1.65 *24*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1425.05 *12*	0.35 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1425.1 *6*	0.070 *18*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1425.17 *13*	0.47 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1425.2 *3*	0.27 *3*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1425.2 *5*	0.14 *4*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1425.29 *8*	0.050 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1425.3 *10*	0.024 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1425.4 *1*	0.244 *7*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1425.4 *4*	0.063 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1425.54 *22*	0.063 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1425.56 *14*	0.257 *25*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1425.56 *14*	0.61 *6*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
1425.58 *11*	0.89 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1425.6 *3*	0.042 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1425.6 *3*	0.149 *16*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1425.6 *2*	†14	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1425.6 *3*	0.062 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1425.65 *5*	0.166 *14*	^{184}Ta(8.7 h)	414.03(72), 252.848(43), 920.932(32.0)
1425.7 *4*	0.039 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1426.0 *3*	0.036 *6*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1426.1 *6*	0.10 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1426.1 *3*	0.057 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1426.11 *15*	2.5×10^{-5} *19*	^{95}Tc(61 d)	204.117(63.25), 582.082(29.96), 835.149(26.63)
1426.2 *5*	0.53 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1426.29 *25*	†15 *3*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1426.3 *6*	0.28 *9*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1426.3 *5*	0.34 *7*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1426.3 *4*	0.093 *22*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1426.36 *6*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1426.36 *6*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1426.40 *24*	2.49 *17*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
• 1426.4 *4*	0.0012 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1426.49 *8*	†0.393 *24*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1426.5 *3*	0.17 *7*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1426.6 *3*	0.34 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1426.7 *4*	0.49 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
• 1426.72	0.45 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1426.77 *15*	0.50 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1426.8 *3*	0.78 *15*	^{142}Eu(1.22 m)	768.1(100), 1023.3(92.0), 556.6(86.6)
1426.84 *10*	0.81 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1426.9 *9*	0.036 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1426.9 *3*	1.2 *3*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1426.9 *7*	0.012 *6*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1426.9 *1*	0.165 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1426.91 *12*	0.124 *16*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1427.0 *2*	†0.9 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1427.0 *3*	0.028 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1427.06 *20*	0.026 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1427.09 *17*	†4.4 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1427.1 *3*	0.11	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1427.14 *2*	0.105 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1427.18 *14*	23.0 *23*	^{166}Lu(2.12 m)	2098.6(16.1), 1256.64(15.2), 1358.79(13.4)
1427.19 *3*	0.413 *6*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1427.2	1.52 *25*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
1427.2 *2*	4.6 *4*	^{63}Fe(6.1 s)	994.8(14.0), 1299.0(1.23), 1494.6(1.12)
1427.2 *2*	0.64 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1427.2 *4*	0.19 *7*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1427.2 *1*	0.074 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1427.2 *4*	7.0 *11*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1207.9(4.4)
1427.2 *5*	4.5 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1427.2 *3*	0.128 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1427.2 *6*	0.77 *17*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 1427.21 *4*	0.504 *11*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
• 1427.27	0.33 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1427.3 *4*	0.176 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1427.3 *3*	0.44 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
• 1427.367 *19*	9.79 *18*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1427.4 *4*	†2.5 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1427.40 *4*	0.81 *5*	^{165}Tm(30.06 h)	242.917(35.5), 47.155(16.9), 297.369(12.71)
• 1427.408 *17*	0.117 *4*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1427.5 *4*	0.11 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1427.56 *10*	1.14 *12*	^{140}Xe(13.60 s)	805.52(20), 1413.66(12.2), 1315.05(8.2)
1427.6 *3*	0.012 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1427.6 *3*	†6.5 *13*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1427.64 *11*	0.12	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1427.7 *1*	94	^{94}Sr(75.3 s)	723.8(2.40), 703.9(2.13), 621.7(1.96)
1427.7 *3*	>0.06	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1427.8 *3*	0.0031 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1427.9 *20*	0.12 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1428 *2*	2.6 *9*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1428		^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1428.0 *15*	†0.4 *1*	^{181}Os(2.7 m)	144.99(†100), 118.03(†28.3), 1118.8(†4.2)
1428.02 *10*	1.69 *19*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1428.02 *10*	0.30 *3*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
1428.08 *12*	0.15 *9*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
• 1428.08 *10*	0.246 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1428.2 *5*	0.0325 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1428.2 *5*	0.16 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1428.2 *3*	0.17 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1428.3 *5*	0.090 *24*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1428.3	0.34	^{95}Sr(23.90 s)	685.6(23), 2717.3(4.6), 2933.1(4.1)
1428.3 *3*	†2.9 *6*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1428.3 *1*	0.028 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1428.33 *49*	0.09 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1428.5 *5*	0.08 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1428.5 *1*	†0.32 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1428.6 *4*	0.051 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1428.6 *4*	0.00025 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1428.7 *4*	0.37 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
• 1428.7 *5*	>0.010	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1428.70 *21*	0.185 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1428.7 *6*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1428.813 *10*	0.037 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1428.9 *5*	0.7 *4*	^{97}Y(3.75 s)	3287.6(18.1), 3401.3(14.1), 1996.6(7.4)
1429.00 *20*	0.265 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1429 *1*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1429.1 *2*	>0.27	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1429.1 *3*	†1.5 *3*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1429.1 *5*	>0.08	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1429.2 *3*	0.62 *7*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1429.2 *3*	0.33 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1429.2 *4*	0.147 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1429.2 *15*	0.17 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1429.22 *10*	2.23 *18*	^{130}In(0.55 s)	1221.24(89), 774.37(46), 89.23(20.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1429.3 *2*	0.353 *23*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1429.4 *10*	0.20 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1429.48 *6*	0.67 *5*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1429.50 *10*	0.022 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1429.5 *5*	†3.3	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1429.50 *25*	0.122 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1429.53 *10*	8.0 *4*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1429.56 *6*	0.103 *19*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1429.59 *10*	0.88 *7*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1429.6 *5*	0.012 *6*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1429.62 *73*	0.045 *8*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1429.7 *8*	0.30 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1429.7 *4*	0.154 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1429.8 *3*	3.42 *12*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1429.8 *10*	0.06 *3*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
• 1429.87 *9*	0.311 *19*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1429.9 *7*	0.028 *3*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1430.0 *6*	0.137 *24*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
• 1430.0	0.25 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1430.1 *4*	7.3 *6*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
1430.2 *1*	0.0045 *16*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1430.2 *3*	0.16 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1430.28 *10*	0.07 *4*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1430.4 *4*	0.035 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1430.40 *20*	2.00 *11*	^{91}Tc(3.3 m)	502.90(51.4), 927.60(3.79), 1328.40(2.55)
1430.4 *4*	0.018 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1430.45 *25*	0.44 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1430.50 *22*	100	^{94}Rh(25.8 s)	756.23(100), 311.70(97.3), 146.11(75)
1430.50 *22*	100	^{94}Rh(70.6 s)	756.23(51), 1072.50(30.7), 311.70(12)
1430.50 *22*		^{95}Pd(13.3 s)	146.11, 311.70, 756.23
1430.5 *3*	0.29 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1430.51 *10*	2.16 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1430.7 *5*	0.5	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1430.7 *6*	0.00012 *4*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1430.7 *4*	†4.5 *9*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1430.8 *4*	0.061 *12*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1430.80 *26*	0.22 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1430.9 *4*	†2.2 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1430.9 *3*	0.120 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1430.95 *10*	0.036 *7*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1430.97 *5*	0.6	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 1430.99 *4*	0.0024 *3*	^{184}Re(38.0 d)	903.279(37.9), 792.071(37.5), 111.208(17.1)
1431.0 *2*	1.20 *20*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1431.0 *3*	0.57 *11*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1431.01	0.12	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1431.1 *21*	0.30 *13*	^{22}F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
1431.1 *1*	0.0038 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1431.2	0.37	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1431.35 *25*	0.17 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1431.35 *13*	0.0022 *5*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1431.4 *4*	4.18 *16*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1431.5 *2*	†6	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1431.56 *10*	1.33 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1431.59 *12*	0.36 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1431.6	†13.1 *10*	^{33}Si(6.18 s)	1847.54(†100), 2538.5(†9.3), 416.00(†6.7)
1431.6 *3*	0.34 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1431.6 *1*	0.0022 *7*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1431.6 *1*	0.06 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1431.7 *6*	†1.2 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
• 1431.7 *4*	0.00036 *8*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1431.7 *6*	0.144 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1431.71	1.50 *3*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1431.73 *6*	0.50 *4*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1431.85 *16*	0.042 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1431.90 *68*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1431.94 *7*	0.064 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1432 *1*	0.06 *5*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1432.0 *3*	0.68 *14*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1432.0 *1*	†2.7 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1432.0 *3*	†1.3 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1432.1 *7*	0.253 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1432.2 *3*	0.56 *14*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1432.22 *3*	3.4 *5*	^{98}Nb(2.86 s)	787.374(13), 1023.73(6.1), 644.830(3.4)
1432.22 *3*	4.97 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1432.22 *7*	1.20 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1432.30 *20*	1.56 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1432.3 *5*	0.055 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1432.35 *16*	0.442 *24*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1432.38	0.0129 *16*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
1432.40 *20*	0.55 *11*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1432.4 *1*	0.197 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1432.49 *6*	0.064 *17*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1432.5	9.6 *9*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
1432.50 *12*	0.00114 *24*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1432.50 *12*	0.084 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1432.56 *11*	0.09	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1432.6 *5*	1.28 *18*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1432.6 *4*	†4 *1*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1432.6 *5*	0.21 *10*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1432.6 *4*	0.0008 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1432.7 *5*	1.33 *20*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1432.7 *5*	1.04 *16*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1432.8 *15*	<0.7	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1432.8 *15*	1.0 *4*	^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
1432.8 *5*	0.33 *5*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1432.9 *6*	0.29 *5*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1432.9 *3*	0.112 *17*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1432.9 *15*	0.26 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1432.91 *3*	13.4 *3*	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1433		^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1433.0 *2*	†0.48 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1433 *1*	0.42 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1433.1 *3*	0.43 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1433.1 *3*	0.142 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1433.1 *2*	0.44 *9*	^{157}Er(18.65 m)	53.05(24), 391.32(14.2), 121.57(10.1)
1433.1 *3*	0.43 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1433.19 *9*	0.64 *4*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1433.2 *3*	†0.5 *3*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1433.3 *1*	0.21	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1433.3 *1*	1.6	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1433.4 *3*	0.029 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1433.4 *6*	0.60 *23*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1433.4 *3*	0.0044 *11*	^{205}Hg(5.2 m)	203.750(2.2), 415.70(0.0130), 1218.96(0.0062)
1433.44 *15*	0.29 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1433.5 *2*	0.11 *8*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
• 1433.5 *8*	0.006	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1433.6 *10*	1.0 *4*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1433.7 *1*	0.0019 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1433.70 *10*	8.4 *4*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1433.7 *3*	0.052 *20*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1433.7 *5*	0.24 *5*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1433.7 *8*	†>0.18	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1433.7 *3*	0.0029 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1433.73	>0.021	^{26}Si(2.234 s)	829.420(21.90), 1622.26(2.73), 1843.26(0.258)
1433.74 *7*	0.076 *17*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1433.76 *14*	0.82 *5*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1433.8 *5*	†0.24 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1433.81 *15*	0.71 *10*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1433.82 *16*	0.00084 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1433.95 *25*	0.53 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1434.0 *4*	0.29 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1434.0 *10*	0.74 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1434.01 *8*	0.89 *5*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1434.04 *42*	0.17 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1434.068 *14*	100 *1*	^{52}V(3.75 m)	1333.649(0.588), 1530.67(0.116), 935.538(0.061)
• 1434.068 *14*	†100.0 *3*	^{52}Mn(5.591 d)	935.538(†94.9), 744.233(†90.6), 1333.649(†5.07)
1434.068 *14*	†101.7 *20*	^{52}Mn(21.1 m)	1727.53(†0.224), 1530.67(†0.0478), 1333.649(†0.031)
1434.11 *20*	0.063 *6*	^{24}Al(2.053 s)	1368.633(96.0), 7069.50(43.0), 2754.028(41.2)
1434.13 *24*	0.246 *17*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1434.20 *20*	0.202 *19*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1434.2 *20*	1.44 *19*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1434.22 *15*	0.0082 *24*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1434.3 *3*	0.098 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1434.3 *6*	0.81 *25*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1434.4 *2*	0.44 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1434.4 *2*	0.015	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
1434.4 *4*	0.31 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1434.40 *8*	0.00064 *5*	^{128}I(24.99 m)	442.901(17), 526.557(1.58), 969.458(0.404)
1434.40 *8*	0.0129 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1434.4 *5*	0.021 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1434.4 *3*	0.53 *20*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
• 1434.42 *18*	0.0140 *15*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1434.45 *3*	7.96 *19*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1434.5 *3*	0.207 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1434.52 *25*	0.008 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1434.59 *17*	4.2	^{45}K(17.3 m)	174.276(74.4), 1705.6(53), 2353.6(14.12)
1434.6 *3*	0.0167 *24*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1434.66 *12*	0.38 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1434.7 *6*	0.48 *9*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1434.7 *5*	0.087 *23*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1434.73 *22*	0.73 *4*	^{93}Ru(59.7 s)	680.68(6), 1015.90(0.42), 1801.4(0.378)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1434.8 *10*	0.92 *20*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1434.87 *11*	†11.8 *8*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1434.9 *4*	0.36 *12*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1434.9 *4*	†0.7 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1435 *3*	1.20 *6*	^{46}K(105 s)	1346.0(100), 1228.7(6.4), 1675(3.5)
1435.0 *1*		^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
1435.1 *4*	0.088 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1435.1 *1*	0.35 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1435.1 *3*	0.35 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1435.1	2.06 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1435.1 *2*	0.068 *9*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1435.2 *5*	>0.020	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1435.28 *16*	0.105 *16*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1435.3 *7*	0.68 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1435.35 *13*	1.01 *7*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1435.36 *4*	†9.68×10^3 *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1435.36 *4*	6.38 *25*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1435.37 *13*	0.215 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1435.40 *20*	0.246 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1435.4 *3*	3.5 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
• 1435.48 *15*	1.48 *12*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1435.52 *20*	0.62 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1435.59 *6*	0.0257 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1435.6 *3*	0.051 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1435.60 *10*	1.03 *10*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1435.7 *2*	3.2 *4*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 1495.53(19.9)
1435.7 *2*	3.4 *4*	^{81}Ge(7.6 s)	93.10(26), 335.98(12.8), 197.30(12.3)
1435.7 *2*	0.0085 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1435.7 *1*	†0.32	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1435.795 *10*	76.3 *15*	^{138}Cs(33.41 m)	462.796(30.7), 1009.78(29.8), 2218.00(15.2)
1435.795 *10*	19	^{138}Cs(2.91 m)	462.796(18.6), 191.96(15.4), 112.60(1.52)
• 1435.795 *10*	66	^{138}La(1.05×10^{11} y)	
1435.86 *51*	0.093 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1435.9 *7*	0.090 *11*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1435.9 *3*	1.4 *6*	^{129}Sn(6.9 m)	1161.31(56.0), 1128.44(50), 760.8(16.8)
1436.0 *1*	0.59 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1436 *1*	0.90 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1436.0 *4*	0.159 *11*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1436 *1*	†1.4 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1436.08 *11*	†0.58 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1436.1 *10*	6.1 *12*	^{32}Na(13.2 ms)	885.4(60), 2151.3(32), 239.5(16.6)
1436.1 *12*	0.30 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1436.1 *3*	†2.2 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1436.2 *4*	0.021 *5*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1436.2 *2*	0.30 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1436.3 *3*	0.36 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1436.3 *4*	2.0 *4*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1436.3 *3*	0.006	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1436.4 *5*	0.084 *24*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1436.4 *3*	0.37 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1436.4 *4*	†0.20 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1436.44 *7*	2.52 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1436.5 *2*	5.1 *5*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1436.5 *1*	0.025 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1436.5	0.10	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
• 1436.563 *6*	1.23 *5*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1436.563 *6*	0.067 *18*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1436.6 *3*	0.29 *5*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1436.6	0.86 *6*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1436.6 *4*	0.27 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1436.7 *7*	1.3 *6*	^{183}Lu(58 s)	1125.3(25.0), 1056.8(16.5), 168.1(7.5)
1436.70 *2*	29.0 *13*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1436.8	†30	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1437.0 *5*	0.171 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1437 *1*	1.5 *6*	^{232}Ac(119 s)	665.0(15.3), 1899(8.9), 1959(5.4)
1437.10 *16*	0.42 *4*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1437.1 *2*	0.66 *13*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1437.20 *10*	0.80 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1437.3 *4*	52	^{51}Sc(12.4 s)	2144.1(31.8), 1567.5(14.9), 907.2(9.3)
1437.3 *3*	0.38 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1437.3 *2*	0.246 *18*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1437.3 *6*	0.18 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1437.3 *3*	0.057 *8*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1437.4 *2*		^{152}Pm(13.8 m)	229.9, 200.6, 63.51
1437.4 *2*	22.7 *11*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1437.4 *3*	0.0021 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
• 1437.43 *4*	0.625 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
• 1437.487 *11*	0.120 *20*	^{48}V(15.9735 d)	983.517(99.98), 1312.096(97.5), 944.104(7.76)
1437.5 *10*	0.012 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1437.67 *10*	0.59 *4*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1437.7 *7*	0.11 *4*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1437.8 *4*	1.6	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1437.8	0.19 *4*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1437.8 *6*	0.13 *8*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1437.8 *4*	†2.4 *3*	^{168}Re(4.4 s)	199.3(†100), 363.2(†95), 479.8(†62.8)
1437.89 *12*	0.03 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1437.97 *4*	0.285 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1438.0 *7*	0.062 *17*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1438.0 *2*	0.0118 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1438 *1*	0.006 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1438.0 *3*	0.35 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1438.0 *3*	0.19 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1438.01 *10*	0.0061 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
• 1438.10 *30*	0.0493 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1438.1 *3*	0.030 *7*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1438.13 *5*	8.3 *7*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1842.86(7.7)
1438.3 *8*	0.00043 *16*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1438.3 *8*	0.022 *8*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1438.3 *1*	0.022 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1438.4 *1*	0.0004 *3*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1438.4 *2*	1.2 *5*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1438.4 *2*	0.37 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1438.5 *5*	0.09 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1438.5 *9*	0.13 *6*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1438.5 *6*	0.46 *14*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1438.5 *5*	0.6	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1438.5	>0.0010	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1438.66 *37*	†1.3 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1438.7 *2*	†0.64 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
• 1438.7 *2*	0.117 *6*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1438.8 *1*	2.27 *16*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1438.80 *6*	1.16 *6*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1438.93 *9*	0.50 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1439.0	0.013 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1439.0 *13*	0.08 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1439	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1439.01 *70*	0.048	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1439.10 *17*	0.0022 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
• 1439.10 *5*	0.279 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1439.10 *5*	0.58 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1439.11 *21*	0.36 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1439.17 *21*	0.159 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1439.2 *2*	3.6 *3*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1439.2 *2*	†36	^{96}Rb(0.199 s)	352.02(†700), 204.02(†200), 680.7(†121)
1439.2 *3*	0.179 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1439.2 *5*	1.10 *15*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1439.2 *1*	0.074 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1439.22 *25*	0.058 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1439.24 *16*	0.51 *8*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1439.37 *49*	0.12 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1439.4 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1439.4 *10*	0.15 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1439.5	13	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 2344.7(7)
1439.5 *4*	0.00035 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1439.5 *3*	0.35 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1439.51 *18*	0.091 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
• 1439.534 *22*	0.159 *10*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1439.57 *8*	0.059 *4*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1439.588 *16*	0.599 *6*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1439.6 *5*	0.09 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1439.7 *4*	1.7 *4*	^{165}Tb(2.11 m)	1178.53(13.2), 538.51(7.2), 1292.05(7.0)
1439.75 *10*	0.047 *9*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1439.80 *5*	0.28 *3*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1439.9 *10*	0.79 *6*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1440.0 *5*	1.81 *19*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1440.0 *3*	0.28	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1440.0 *3*	10.8	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1440.13 *10*	9.2 *8*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1440.18 *8*	0.0107 *6*	^{130}I(9.0 m)	536.09(16), 586.05(1.07), 1614.10(0.447)
1440.21 *12*	0.32 *3*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1440.24 *84*	0.08 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1440.24 *17*	12.2	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
• 1440.38 *3*	0.0162 *18*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1440.38 *3*	0.600 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1440.5 *13*	0.8 *3*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1440.50 *19*	1.9 *4*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1440.5 *4*	†0.48 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1440.69 *7*	4.72 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 4148.05(4.03)
1440.82 *18*	0.158 *9*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1440.9 *7*	0.32 *11*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
• 1440.9 *3*	0.0285 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1440.9 *1*	0.025 *13*	^{143}Cs(1.78 s)	195.554(13), 232.421(8.32), 306.424(6.80)
1441.0	0.6 *2*	^{36}P(5.6 s)	3290.7(100), 901.8(70.4), 1638.2(35.3)
• 1441 *1*	†0.003 *2*	^{52}Mn(5.591 d)	1434.068(†100.0), 935.538(†94.9), 744.233(†90.6)
1441.0 *9*	0.0007 *4*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
1441.0 *8*	0.9 *3*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1441.0 *4*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1441.1 *10*	†0.41 *11*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1441.1 *10*	1.3 *3*	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1441.1 *10*	0.80 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1441.129 *24*	0.444 *19*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 1441.129 *24*	0.054 *6*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
1441.14 *10*		^{108}Rh(16.8 s)	433.937(43), 618.84(15.0), 497.22(5.2)
1441.14 *10*	0.00304 *20*	^{108}Ag(2.37 m)	433.937(0.50), 618.84(0.261), 1007.22(0.0139)
1441.15 *17*	0.020 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1441.2 *3*	0.33 *7*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1441.20 *20*	0.0061 *19*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1441.2 *3*	4.0 *4*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1441.24 *15*	0.50 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1441.3 *8*	0.02 *1*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1441.3 *4*	0.126 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1441.3 *7*	0.019 *14*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1441.3	0.5	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1441.34 *10*	0.3 *3*	^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1441.34 *10*	1.59 *16*	^{118}Ag(2.0 s)	487.77(57), 677.13(53), 1058.39(14.8)
1441.37 *17*	0.47 *4*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
1441.5 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1441.5 *20*	0.016 *7*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1441.5 *7*	†>0.32	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1441.68 *11*	0.31 *5*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1441.69 *7*	0.27 *6*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1441.70 *10*	0.160 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1441.73 *8*	†1.06 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 1441.8 *3*	0.046 *17*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1441.8 *3*	†1.8 *2*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1441.8 *5*	0.017 *12*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1441.80 *10*	0.00149 *24*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1441.80 *10*	0.180 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1441.9 *3*	0.51 *15*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1442.0 *5*	0.072 *22*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1442.0 *4*	0.10 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1442.0 *4*	†2.3 *3*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1442 *1*	0.165 *21*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
1442.00 *20*	0.26 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1442.1 *3*	0.018	^{117}Cd(3.36 h)	1997.33(26), 1065.98(23.1), 564.397(14.7)
1442.1 *3*	0.47 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1442.2 *6*	†3.4 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 1442.20 *9*	0.130 *3*	^{207}Bi(31.55 y)	569.702(97.74), 1063.662(74.5), 1770.237(6.87)
1442.3 *2*	0.065 *8*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1442.35 *30*	0.192 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1442.4 *4*	0.240 *7*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1442.4 *10*	0.019 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1442.40 *25*	0.008 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1442.56 *10*	1.40 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1442.6 *3*	0.056 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1442.6 *8*	0.17 *5*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1442.67 *24*	0.69 *24*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1442.70 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1442.7 *3*	0.72 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1442.70 *6*	0.0070 *5*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
• 1442.75 *8*	0.200 *10*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1442.8 *2*	0.031 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1442.89 *20*	0.340 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1442.9 *13*	0.05 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1443.1	0.057 *13*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
1443.1 *3*	0.67 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1443.1 *2*	0.555 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1443.1 *2*	0.31 *7*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1443.2 *4*	0.0010 *3*	^{195}Hg(9.9 h)	779.80(7), 61.46(6.2), 585.13(1.99)
1443.21 *15*	0.14 *2*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1443.27 *14*	†0.93 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1443.28 *14*	69 *5*	^{50}Mn(1.75 m)	783.29(100), 1097.97(98.5), 1282.36(33)
1443.3 *3*	0.17 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1443.38 *7*	>3.7	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1443.4	1.6	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1443.4 *4*	0.66 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1443.44 *18*	0.71 *8*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1443.5 *3*	0.56 *11*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1443.5 *9*	†3.1 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1443.5 *4*	0.10 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1443.6 *3*	0.40 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1443.66 *11*	0.050 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1443.7 *5*	2.5 *3*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1443.7 *1*	0.280 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1443.8 *5*	†0.63 *16*	^{95}Pd(13.3 s)	1350.9(†105), 716.6(†70.63), 381.8(†50.8)
1443.8 *10*	0.15 *8*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1443.9 *5*	0.26 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1443.9 *5*	2.4 *9*	^{84}As(5.5 s)	1455.1(49), 667.1(20.7), 2086.6(4.7)
1443.9 *3*	†0.57 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1443.9 *5*	8.5 *9*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1443.96 *42*	0.11 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1444.0 *1*	†0.23 *4*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1444.085 *11*	2.64 *9*	^{19}O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
1444.085 *11*	0.000108 *11*	^{19}Ne(17.34 s)	109.894(0.012), 1356.843(0.00206), 197.142(0.00206)
1444.1 *2*	0.028 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1444.1 *5*	†4.2	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1444.2 *5*	0.40 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1444.38 *8*	0.023 *8*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1444.4 *5*	0.14	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1444.4	0.079 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1444.4 *13*	1.0 *3*	^{168}Ta(2.0 m)	124.0(35.6), 261.6(22.7), 751.4(7.3)
1444.5 *5*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1444.8 *14*	0.13 *4*	^{170}Ta(6.76 m)	100.8(21.0), 221.2(15.7), 860.4(7.39)
1444.86 *16*	†1.3 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1444.90 *17*	0.258 *17*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1444.9 *3*	0.0027 *13*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1444.91 *22*	0.25 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1445.0 *1*	0.207 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1445	†2.6	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1445.0 *2*	0.89 *8*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1445.04 *25*	0.97 *19*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
• 1445.058 *39*	0.33 *4*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1445.058 *39*	0.033 *11*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1445.1 *3*	†2.40 *24*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
• 1445.10 *30*	0.0358 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1445.2 *2*	0.376 *16*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1445.2 *1*	0.087 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1445.3 *1*	0.380 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1445.4 *2*	0.055 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1445.4 *1*	0.32 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1445.45 *26*	†0.55 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1445.5 *3*	3.2 *7*	^{102}Sr(69 ms)	243.80(53), 150.15(18.0), 93.89(13.4)
1445.5 *5*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1445.6 *4*	0.24 *6*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1445.6 *3*	0.19 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1445.6 *1*	0.97 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1445.64 *18*	0.202 *22*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1445.7 *4*	0.52 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1445.8 *4*	0.0025 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1445.8 *2*	0.029 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1445.8 *8*	0.21 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
• 1445.8	0.41 *6*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1445.80 *10*	0.0364 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1445.9 *4*	0.042 *9*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1445.9	0.5	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1446 *2*	0.047 *23*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
1446	†10	^{92}Br(0.343 s)	769(†100), 1035(†6), 678(†6)
1446.0 *5*	0.0038 *19*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1446.0 *8*	1.5 *4*	^{116}Cs(3.84 s)	393.5(<0.09), 524.3(76), 615.1(30.4)
1446.08 *30*	0.050	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1446.08 *12*	1.27 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)
1446.1 *1*	0.0025 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1446.1 *5*	0.64 *21*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1446.1 *1*	0.54 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1446.2 *4*	0.18 *7*	^{139}Sm(2.57 m)	273.7(37), 306.7(28.5), 596.3(8.0)
1446.2 *3*	0.50 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1446.20 *6*	0.034 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1446.33 *11*	0.060 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1446.36 *12*	0.107 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1446.4 *3*	0.113 *16*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
1446.4 *5*	0.056 *15*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
1446.4	0.009 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1446.492 *19*	0.045 *3*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1446.5 *3*	†2	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1446.5 *3*	†4.3	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1446.53 *27*	1.2	^{58}Mn(3.0 s)	2433.05(1.2), 2065.59(0.5), 2272.99
1446.53 *27*	0.097 *18*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1446.6 *6*	0.043 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1446.6 *4*	0.30 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1446.6 *7*	0.18 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1446.7 *4*	0.12 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1446.7 *4*	0.26 *6*	^{115}Te(5.8 m)	723.569(30), 1380.58(23.0), 1326.83(22.7)
1446.7 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1446.8	15 *2*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
• 1446.84 *12*	0.00078 *17*	^{196}Au(6.183 d)	355.684(87), 332.983(22.9), 521.175(0.389)
1446.86 *6*	0.091 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1446.88 *13*	0.091 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1446.9 *5*	†7.7 *23*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1447.0	0.143 *18*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1447.0 *20*	3.3 *8*	^{166}Ta(34.4 s)	158.5(53), 311.8(28.2), 810.1(9.8)
1447.0 *3*	4.3 *4*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1447.1 *5*	0.70 *14*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1447.1 *4*	0.50 *11*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1447.20 *20*	0.0125 *10*	^{91}Mo(15.49 m)	1636.99(0.329), 1581.04(0.226), 2631.97(0.118)
1447.2 *5*	0.026 *7*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1447.3 *4*	0.10 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1447.3 *3*	0.42 *3*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1447.4 *3*	0.48 *5*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1447.4 *3*	0.17	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1447.41 *19*	0.25 *4*	^{94}Y(18.7 m)	918.74(56), 1138.88(6.0), 550.88(4.9)
1447.52 *25*	0.21 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1447.6 *7*	0.023 *5*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1447.66 *3*	0.045 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1447.66 *3*	0.022 *7*	^{118}Sb(3.6 m)	1229.68(2.5), 1267.23(0.511), 528.83(0.472)
1447.7 *7*	0.37 *3*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1447.7 *4*	0.031 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1447.7 *5*	0.170 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1447.7 *5*	0.23 *7*	^{190}Re(3.1 m)	186.718(48.4), 557.972(28.2), 223.811(26.0)
1447.8 *2*	0.130 *17*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1447.8 *10*	1.5 *4*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
• 1447.820 *25*	0.00098 *10*	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
• 1447.820 *25*	>0.007	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1447.820 *25*	0.641 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1448 *2*	0.11	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1448.0 *3*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1448.07 *19*	0.0005 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
• 1448.1 *2*	0.21 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1448.2 *4*	11.5 *3*	^{58}Cu(3.204 s)	1454.45(16.0), 40.3(4.8), 1321.2(1.17)
1448.25 *7*	0.51 *3*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1448.30 *20*	0.84 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1448.3 *2*	0.0052 *14*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1448.35 *10*	0.32 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1448.46 *8*	0.16 *4*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1448.5 *5*	0.030 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1448.5 *3*	0.36 *3*	^{158}Sm(5.30 m)	189.4(15.2), 363.6(12.4), 324.5(10.6)
1448.6 *2*	†18.2 *13*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
1448.6 *5*	1.78 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1448.70 *10*	5.55 *21*	^{103}Cd(7.3 m)	1461.81(12), 1079.90(5.44), 386.97(3.60)
1448.7 *3*	0.140 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1448.7 *5*	4.4 *17*	^{152}Ho(161.8 s)	613.8(73), 613.8(14), 1098.0(12)
1448.74 *10*	0.33 *4*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
• 1448.780 *10*	0.0170 *2*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
1448.8 *5*	0.050 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1448.8 *5*	0.7 *4*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1448.80 *15*	0.30 *5*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1448.8 *5*	†3.3	^{179}Os(6.5 m)	65.39(†100), 218.6(†17), 32.3(†17)
1448.84 *47*	0.074 *22*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1448.9 *3*	0.35 *5*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1448.98 *12*	0.129 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1449		^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1449		^{135}Pm(49 s)	198.5(†100), 207.2(†70), 463.5(†62)
1449.0 *10*	0.15 *6*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1449.02 *16*	0.326 *20*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1449.10 *8*	0.94 *4*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1449.106 *12*	0.217 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1449.12 *4*	0.016 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1449.16 *4*	†1.29 *5*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1449.16 *19*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1449.2	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1449.24 *7*	1.10 *8*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1449.30 *19*	1.13 *17*	^{80}As(15.2 s)	666.14(42), 1644.8(7.5), 1207.12(4.3)
1449.3 *3*	†0.118 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1449.4 *2*	†5.9 *9*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
• 1449.58 *12*	0.047 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1449.6 *2*	0.0079 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1449.6 *5*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1449.64	0.134 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1449.7 *7*	1.8 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1449.7 *3*	6.9 *6*	^{196}Bi(308 s)	1049.21(87), 689.00(35.5), 776.6(9.1)
1449.7 *3*	†0.14 *5*	^{196}Bi(240 s)	1049.21(†21.1), 371.93(†20.8), 689.00(†19.2)
• 1449.74 *4*	9.92 *21*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 889.753(5.36)
1449.8 *2*	0.26 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1449.84 *7*	0.039 *6*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1449.88 *15*	0.66 *6*	^{67}Ge(18.9 m)	167.01(84), 1472.48(4.9), 910.92(3.1)
1449.93 *18*	0.162 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1450.0 *5*	0.0079 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1450 *1*	0.00042	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1450.0 *5*	1.1 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1450.1 *8*	1.8 *3*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1450.1 *6*	0.25 *3*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1450.15 *7*	0.61 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1450.2 *6*	0.39 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1450.20 *10*	1.57 *4*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1450.22 *10*	0.00164 *20*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1450.22 *10*	0.318 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1450.3	9.8 *6*	^{21}O(3.42 s)	1730.3(45.6), 3517(15.4), 279.9(14.8)
1450.34 *7*	0.065 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1450.4 *1*	0.36	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1450.4 *5*	0.06	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1450.5 *1*	0.327 *14*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1450.5 *5*	0.07 *3*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1450.5 *2*	0.17 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1450.75 *20*	0.058 *13*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1450.9 *3*	0.3 *1*	^{150}Er(18.5 s)	475.8(100), 130.0(2.6), 1014.0(0.9)
1451 *1*	†10 *5*	^{151}Yb(1.6 s)	1050.2(†100), 1245.6(†100), 624.8(†100)
1451 *1*	0.06 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1451.1 *4*	0.066 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1451.10 *20*	0.9 *3*	^{102}Nb(4.3 s)	296.611(79), 1633.10(41), 551.54(30)
1451.2 *5*	1.11 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1451.20 *15*	1.19 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1451.2 *3*	0.137 *16*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1451.3 *5*	0.50 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1451.3 *2*	0.6	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1451.3 *4*	0.21 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1451.4 *5*	0.17 *3*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1451.4 *3*	0.150 *17*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1451.41 *7*	0.0109 *21*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1451.5	0.004 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1451.5 *4*	†0.61 *16*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1451.6 *2*	0.0065 *22*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1451.6 *3*	1.7 *3*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1451.6 *5*	0.24 *5*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1451.6 *1*	2.28 *12*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1451.6 *5*	0.20 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1451.6 *5*	0.37 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1451.7 *7*	†0.96 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1451.7 *8*	0.09 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1451.83 *4*	0.164 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1451.9	0.27	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1451.91 *4*	0.068 *3*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1451.91 *4*	0.0452 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1452.00 *5*	1.11 *10*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1452.06 *11*	0.286 *20*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1452.2 *1*	0.25 *3*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1452.3 *3*	0.45 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
• 1452.36 *20*	1.06 *9*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1452.46 *13*	0.033 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1452.48 *15*	1.43 *8*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1452.49 *18*	†1.4 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
• 1452.5 *4*	0.0081 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1452.5 *3*	0.151 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1452.5 *3*	†0.100 *18*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1452.51 *9*	†1.20 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1452.59 *5*	0.121 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1452.6 *4*	0.28 *4*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1452.6 *4*	1.60 *20*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1452.6 *3*	0.048 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
• 1452.60 *5*	0.070 *5*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
• 1452.67 *13*	0.0276 *20*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1452.7 *7*	0.050 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1452.7 *3*	†1.18 *15*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1452.7 *1*	0.024 *3*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1452.7 *4*	0.044 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1452.7 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1452.7 *1*	0.80 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1452.74 *15*	0.058 *3*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1452.8 *5*	†0.13 *8*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1452.9 *10*	0.13 *3*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1452.9 *10*	0.015 *5*	^{150}Eu(12.8 h)	333.971(4.0), 406.52(2.81), 1165.739(0.257)
1453	12	^{120}I(53 m)	560.44(100), 601.11(87), 614.62(67)
1453.0 *3*	0.064 *8*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1453.1 *24*	0.03 *1*	^{22}F(4.23 s)	1274.53(100), 2082.5(85.1), 2165.9(67.8)
• 1453.1237 *5*	0.0284 *8*	^{182}Ta(114.43 d)	67.75001(41.2), 1121.3007(34.9), 1221.4066(26.98)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1453.1237 *5*	0.0025 *3*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
• 1453.1237 *5*	0.039 *8*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
• 1453.2 *2*	0.018	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1453.2 *5*	0.37 *9*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
• 1453.24 *4*	0.0254 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1453.29	0.043 *10*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1453.3 *3*	0.051 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1453.3 *3*	0.260 *19*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1453.32 *10*	0.487 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1453.46 *24*	†2.4 *4*	^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1453.5 *2*	0.22 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1453.5 *4*	0.029 *3*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1453.62 *10*	3.60 *11*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1453.62 *20*	0.62 *5*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 1453.70 *13*	0.108 *9*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1453.70 *13*	0.80 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1453.7	0.099 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1453.7 *3*	0.12 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1453.8 *6*	0.125 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1454.0 *3*	0.44 *8*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1454.0 *5*	0.59 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1454.00 *22*	1.08 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1454.10 *23*	†2.1 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
• 1454.110 *20*	0.0511 *22*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
• 1454.110 *20*	0.369 *9*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1454.2 *2*	1.38 *10*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1454.22 *7*	1.07 *6*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
• 1454.26 *15*	0.00074 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1454.29 *12*	0.0013 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1454.4 *4*	0.0116 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1454.4 *6*	0.13 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1454.4 *6*	0.05 *3*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1454.45 *15*	16.0 *8*	^{58}Cu(3.204 s)	1448.2(11.5), 40.3(4.8), 1321.2(1.17)
1454.5 *15*	0.84 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1454.6 *7*	1.9 *5*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
1454.6 *2*	0.211 *23*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1454.6 *3*	0.194 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1454.65 *35*	0.21 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1454.7 *10*	0.218 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1454.75 *15*	0.0372 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1454.9 *3*	†6.0 *13*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1455.0 *10*	†1	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1455.0 *1*	0.72 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1455 *1*	0.05 *3*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1455.05 *25*	0.022 *6*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1455.06 *25*	0.036 *9*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1455.1 *2*	49	^{84}As(5.5 s)	667.1(20.7), 2086.6(4.7), 2461.2(4.0)
1455.1 *2*	16	^{85}As(2.028 s)	667.1(6.8), 577.5(0.96), 1244.6(0.64)
1455.1 *3*	0.67 *9*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1455.1 *1*	0.34 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1455.1 *5*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1455.1 *1*	0.023 *3*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1455.1 *5*	0.0040 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1455.2 *1*	0.0050 *25*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1455.23 *22*	0.79 *15*	^{186}Ir(2.0 h)	137.155(27), 767.508(21.2), 630.354(18.0)
1455.24 *7*	0.15 *6*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1455.24 *5*	2.29 *19*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1455.24 *11*	0.56 *5*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
• 1455.25 *10*	1.14 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1455.28 *22*	0.090 *7*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1455.3 *7*	0.052 *22*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1455.3 *5*	0.66 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1455.3 *5*	0.043 *12*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1455.3 *5*	0.047 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1455.3 *5*	0.197 *24*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1455.45 *23*	0.104 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1455.5 *2*	1.8 *3*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1455.5 *3*	0.00080 *24*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1455.5 *2*	0.15 *4*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1455.53 *15*	0.73 *7*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1455.6 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1455.7 *1*	2.1 *4*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1455.7 *1*	10.1 *16*	^{98}Rb(96 ms)	144.224(73), 289.4(68), 3010.5(23.4)
1455.7 *3*	0.29 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1455.8 *3*	1.87 *10*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1455.8 *4*	0.34 *14*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1455.8 *4*	0.220 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1455.9	0.13 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1455.94 *3*	3.63 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1456. *2*	0.30 *8*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1456 *2*	0.28	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1456.0	0.11 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1456.20 *24*	†0.23 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1456.2 *7*	0.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1456.3 *8*	†9 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
1456.34 *21*	0.80 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1456.39 *10*	0.21	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1456.4 *5*	0.028 *6*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1456.4 *9*	0.016 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1456.5 *5*	0.35 *10*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1456.5 *2*	0.049 *7*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1456.5 *6*	†1.2 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1456.5 *8*	0.137 *17*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1456.6 *6*	0.08 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1456.6 *4*	0.15 *5*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1456.6 *2*	0.118 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1456.7 *3*	0.24 *7*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1456.7 *3*	0.0266 *25*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1456.7 *5*	0.070 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1456.8	0.13 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1456.9 *5*	1.12 *20*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1456.90 *10*	1.76 *10*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
• 1457.12 *15*	0.170 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1457.17 *5*	0.066 *10*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1457.2 *6*	0.105 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1457.3 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1457.3 *1*	3.82	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1457.4 *5*	14 *6*	^{62}Mn(0.88 s)	876.8(90), 942.1(26), 1299.0(25)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1457.55 *15*	0.0185 *6*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1457.55 *15*	1.75 *15*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1457.56 *3*	8.73 *6*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1457.6	0.003 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1457.628 *15*	0.34 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1457.628 *15*	0.493 *10*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1457.8 *2*	0.31 *9*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1457.8	†10.0	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1457.86 *5*	0.0113 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1457.86 *7*	0.214 *21*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1457.89 *15*	†2.03 *14*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1458.0 *6*	0.27 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1458.0 *6*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1458.2 *2*	†1	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1458.3 *5*	0.028 *9*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
1458.3 *7*	0.074 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1458.4 *7*	0.27 *8*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1458.4 *2*	1.16 *5*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1458.4 *2*	1.55 *10*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1458.50 *9*	0.40 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1458.5 *15*	†1.8×10^3 *5*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1458.5 *15*	0.009 *3*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1458.5 *3*	0.123 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1458.51 *17*	0.078 *11*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1458.7 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1458.8		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1458.9	3.2 *11*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
1458.9 *2*	0.048 *5*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1458.9 *1*	0.093 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1458.95 *10*	0.0992 *22*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1458.98 *22*	0.25 *9*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1459.0 *3*	0.56 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 650.4(0.552)
1459.00 *23*	0.031 *5*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1459.0 *5*	0.15 *5*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1459.0 *8*	0.33 *10*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1459 *2*	†2.9	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1459.1 *2*	†50.0 *20*	^{129}Ba(2.17 h)	182.30(†100), 202.38(†33.7), 419.83(†26.7)
1459.140 *16*	0.80 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1459.140 *16*	0.75 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1459.21 *11*	2.10 *13*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1459.25 *35*	0.21 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1459.32 *6*	0.0094 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1459.4 *3*	0.55 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1459.5	2.2	^{44}Ar(11.87 m)	182.6(66), 1703.4(57), 1886.0(31)
1459.50 *10*	0.432 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1459.5 *5*	0.063 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1459.5 *5*	0.00027 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1459.6 *3*	0.081 *9*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1459.62 *13*	0.084 *14*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1459.63 *10*	7.9 *4*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1459.7 *2*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1459.8 *3*	†2.1 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
• 1459.85 *10*	1.05 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1459.9 *1*	0.080 *8*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1459.94 *16*	†1.3 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1460.0 *4*	0.090 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1460.0 *4*	4.3 *7*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1460.0	0.76 *7*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1460.0 *4*	†20.0 *15*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1460.07 *5*	4.1 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1460.1 *6*	0.19 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1460.1 *6*	0.63 *5*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1460.2 *1*	1.18 *11*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
1460.2 *5*	0.044 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1460.2	0.44	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1460.2 *2*	†6.7×10^2 *14*	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1460.20 *16*	†24 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1460.2 *4*	†1.9 *6*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1460.3 *2*	0.96 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1460.3 *2*	0.82 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1460.3 *20*	0.66 *10*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1460.37 *21*	0.14 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1460.4 *5*	†0.6 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1460.5 *3*	0.8 *4*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1460.6 *5*	0.066 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1460.6 *7*	0.15 *7*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1460.6 *6*	†12.3 *14*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
• 1460.630 *19*	1.16 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1460.64 *13*	0.0016 *4*	^{152}Eu(9.274 h)	344.281(2.44), 1314.67(0.956), 970.38(0.604)
1460.8 *5*	1.8 *9*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1460.8 *6*	0.17 *4*	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1460.8	†36	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1460.830	79	^{40}Cl(1.35 m)	2839.8(30.4), 2621.5(15.4), 3101.3(11.0)
• 1460.830	11	^{40}K(1.277×10^9 y)	
1461 *2*	0.13 *3*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1461.0 *2*	0.056 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1461.0	0.45	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1461 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1461.0 *15*	†4	^{223}Rn(23.2 m)	591.8(†100), 635.2(†76), 416.0(†55)
1461.1 *4*	4.5 *5*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1461.1 *3*	0.080 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1461.1 *5*	0.7 *3*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1461.1 *5*	0.55 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1461.1 *8*	†13.2 *24*	^{195}Pb(15 m)	883.1(†100), 393.7(†42), 871.0(†36)
1461.12 *33*	†2.0 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1461.13 *20*	0.06	^{204}Po(3.53 h)	883.984(29.9), 270.068(27.8), 1016.31(24.1)
1461.16 *20*	0.0172 *22*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1461.19 *4*	0.0289 *19*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1461.2 *3*	0.33 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1461.2 *5*	0.95 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1461.3 *6*	0.050 *5*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1461.3 *5*	0.123 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1461.5 *1*	0.0068 *16*	^{96}Y(5.34 s)	1750.42(2.350), 2225.93(0.322), 475.33(0.188)
1461.5 *7*	0.94 *10*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1461.6 *1*	0.28 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1461.6	0.010 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1461.6 *4*	0.59 *6*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1461.60 *20*	0.47 *6*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1461.61 *20*	0.09 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1461.750 *4*	0.084 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1461.750 *4*	0.238 *3*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1461.75 *18*	0.14 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1461.8 *4*	0.126 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1461.81 *7*	12	^{103}Cd(7.3 m)	1448.70(5.55), 1079.90(5.44), 386.97(3.60)
1462 *1*	0.30 *4*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1462.0 *2*	>2.1	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1462.0 *6*	0.29 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1462 *1*	0.05 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
• 1462.34 *12*	0.077 *5*	^{56}Co(77.27 d)	846.771(100), 1238.282(67.6), 2598.459(17.28)
1462.43 *19*	0.042 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1462.54 *12*	†0.63 *8*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1462.6 *2*	0.026 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1462.7 *6*	0.41 *4*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1462.8 *3*	0.229 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1462.9 *20*	0.025 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1462.96 *5*	5.5 *3*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1463.0 *5*	0.063 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1463.0 *6*	0.0008 *3*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
1463.1	0.16	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1463.16 *9*	2.86 *17*	^{157}Sm(482 s)	197.870(56.00), 196.461(16.8), 394.351(11.93)
1463.2 *4*	1.33 *11*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
• 1463.25 *30*	0.072 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1463.3 *5*	†5.5 *1*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1463.3 *1*	†3.36 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
• 1463.39 *4*	1.51 *4*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1463.4 *3*	0.46 *6*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1463.4 *6*	0.32 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1463.4 *6*	1.8 *3*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1463.47 *5*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1463.47 *5*	2.5 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1463.47 *8*	0.0059 *12*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1463.47 *8*	0.71 *6*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1463.5 *9*	0.67 *20*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
1463.51 *9*	8.6 *7*	^{54}V(49.8 s)	834.848(97.1), 989.01(80.1), 2259.35(45.6)
1463.6 *3*	3.0 *9*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1463.6 *5*	0.32 *11*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1463.8 *7*	0.054 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1463.81 *20*	0.16 *3*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1463.84 *9*	2.0 *4*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1463.84 *9*	97 *10*	^{84}Br(6.0 m)	425.30(100), 881.610(98), 446.9(3)
1463.9 *4*	1.9 *4*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1463.9 *5*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1463.95 *15*	3.55 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1463.95 *15*	1.107 *19*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1050.73(0.984)
1464	>0.023	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1464.0 *2*	0.62 *7*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1464.0 *2*	†4.9	^{139}I(2.29 s)	588.825(†900), 483.700(†260), 875.23(†70)
1464.1 *1*	0.74 *13*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1464.2 *3*	0.179 *24*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1464.2 *3*	3.6 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1464.2 *4*	0.48 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1464.2 *2*	0.06 *3*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1464.3 *2*	0.023 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1464.31 *10*	2.02 *16*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1464.36 *11*	0.89 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1464.4 *3*	0.244 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1464.7 *6*	0.40 *13*	^{92}Rb(4.492 s)	814.98(33), 2820.6(6.2), 569.8(5.6)
1464.70 *10*	0.442 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1464.7 *5*	0.6	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1464.8 *5*	0.85 *7*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1464.8 *4*	0.9 *3*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1464.8 *2*	0.0059 *12*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1464.84 *9*	0.114 *14*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1464.95 *15*	0.16 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1465.0 *8*	2.6 *7*	^{164}Ta(14.2 s)	211.05(74), 376.8(22), 605.0(14)
1465.0 *5*	0.13 *3*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1465.1 *4*	0.014 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1465.1	0.011 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
• 1465.12 *3*	22	^{148}Pm(5.370 d)	550.284(22.00), 914.85(11.46), 611.293(1.021)
• 1465.12 *3*	0.016 *5*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1465.2 *6*	5.6 *3*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1465.2 *1*	†0.36 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1465.2 *15*	0.23 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1465.27 *15*	1.35 *13*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1465.3	0.08	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1465.3 *2*	0.67 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1465.3 *15*	0.135 *25*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1465.4 *1*	0.072 *6*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1465.41 *8*	0.071 *6*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1465.60 *14*	0.72 *3*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1465.6 *5*	0.229 *7*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1465.6 *10*	0.08 *3*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1465.6 *13*	0.20 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1465.73 *3*	1.92 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1465.75 *20*	0.060 *6*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1465.75 *20*	0.059 *6*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1465.8	0.15	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1465.9 *3*	0.36 *4*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1465.9 *1*	0.42 *4*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1465.9 *3*	0.062 *14*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
• 1465.93 *4*	4.50 *24*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1465.93 *4*	0.669 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1465.96 *49*	†6.0 *15*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1466 *1*	0.0028 *12*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
• 1466.0 *4*	0.030 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1466.0 *5*	0.38 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1466.21 *23*	0.0037 *5*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1466.26 *15*	0.246 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1466.33 *6*	0.0074 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1466.36 *25*	0.36 *6*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1466.5 *3*	0.101 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
• 1466.5 *2*	0.032 *3*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1466.6 *20*	0.029 *8*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1466.6 *4*	0.072 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1466.63 *17*		^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1466.7 *1*	0.89 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1466.8 *3*	0.56 *8*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1466.82 *10*	0.84 *3*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
• 1466.84 *4*	3.32 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1466.90 *3*	0.213 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
• 1467.0 *10*	0.0009 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1467.1 *6*	0.60 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1467.1 *12*		^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1467.1 *18*	0.51 *12*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1467.1 *5*	0.07 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1467.24 *18*	0.063 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1467.28 *13*	0.00185 *25*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1467.35 *3*	3.02 *21*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1467.4 *5*	>0.09	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1467.5 *3*	3.8 *4*	^{29}Mg(1.30 s)	2223.9(38), 1397.9(17.3), 960.3(15.8)
• 1467.50	0.067 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1467.5 *2*	0.043 *5*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1467.53 *8*	0.83 *13*	^{196}Ir(52 s)	355.684(19), 779.630(10.4), 446.613(4.5)
1467.54 *10*	3.32 *17*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1467.6 *11*	0.31 *23*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1467.6 *4*	0.004 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1467.6 *20*	0.007 *3*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1467.6 *3*	0.142 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1467.6 *8*	0.26 *8*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1467.63 *9*	0.347 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1467.7 *2*	0.48 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1467.7 *7*	0.13 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1467.7	0.41	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1467.7 *10*	†4.9	^{177}Os(2.8 m)	84.7(†100), 125.4(†63), 195.8(†61)
1467.93 *24*	0.046 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
• 1467.93	0.090 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1467.96 *22*	0.56 *8*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1468.0 *4*	1.04 *25*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1468 *1*	0.26	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1468 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1468.0 *10*	†1.3 *2*	^{181}Os(2.7 m)	144.99(†100), 118.03(†28.3), 1118.8(†4.2)
1468.0 *2*	0.35 *3*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1468.0 *2*		^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1468.0 *10*	0.213 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1468.1 *7*	2.6 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1468.1 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1468.1 *5*	1.3 *7*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1468.1 *5*	0.28 *3*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1468.2 *6*	0.16 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1468.2 *6*	0.05 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1468.24 *8*	†1.41 *6*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1468.25 *10*	0.085 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1468.25 *10*	0.0122 *10*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1468.3 *3*	0.0085 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1468.3 *7*	0.56 *16*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1468.3 *7*	0.13 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1468.4 *2*	0.55 *9*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1468.4 *3*	†7.4 *8*	^{104}Nb(0.92 s)	192.2(†100), 368.4(†20), 620.2(†19.2)
1468.5 *3*	0.19 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1468.6 *4*	0.29 *3*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1468.6 *8*	0.00057 *15*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1468.6 *8*	†0.32 *9*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1468.8 *4*	0.089 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1468.81 *16*	0.64 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1468.81 *16*	0.079 *9*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1468.9 *2*	0.039 *11*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1468.9 *4*	0.015 *5*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1468.91 *4*	0.191 *8*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1468.91 *4*	6.3 *4*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 2043.67(3.54)
1468.94 *9*	0.20 *20*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1469.0 *3*	0.25 *5*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1469.0 *4*	0.095 *15*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1469.09 *19*	0.81 *22*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1469.1 *6*	0.009 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1469.1 *1*	0.0152 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1469.10 *20*	0.090 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1469.1 *8*	0.09 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1469.20 *64*	0.08 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1469.2 *5*	0.43	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1469.3 *10*	0.15 *8*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1469.40 *12*	0.20 *20*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1469.4 *2*	0.081 *10*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1469.42 *3*	2.90 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1469.5 *4*	1.13 *9*	^{75}Kr(4.3 m)	132.43(67), 154.66(20.8), 153.15(8.0)
1469.50 *12*	0.52 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1469.5 *7*	0.34 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1469.68 *13*	†33 *3*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1469.71 *15*	0.021 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1469.75 *5*	†7.7 *23*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1469.8 *2*	0.066 *7*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1469.8 *4*	†0.25 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1469.98 *18*	0.317 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1470.00 *7*	0.75 *5*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1470.0 *2*	0.050 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1470.1 *1*	0.065 *13*	^{93}Y(10.18 h)	266.9(7.3), 947.1(2.09), 1917.8(1.55)
1470.1 *8*	†0.18 *7*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1470.13 *22*	0.190 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1470.2 *5*	0.43 *9*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1470.2 *5*	0.56 *14*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1470.23 *4*	2.7 *3*	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
1470.3 *1*	0.034 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1470.3 *2*	1.7 *6*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1470.3 *2*	1.44 *10*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1470.4	†11	^{99}Cd(16 s)	342.6(†100), 671.8(†31), 1583.3(†28)
• 1470.4 *2*	0.149 *11*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1470.42 *3*	1.87 *8*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1470.42 *3*	0.713 *25*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1470.5 *5*	0.15 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1470.50 *8*	†6.30 *20*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1470.5 *4*	†1.4 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1470.528 *24*	0.459 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1470.63 *8*	1.19 *6*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1470.70 *10*	6.0 *5*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1470.8 *2*	0.018 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1470.8 *2*	0.60 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1470.9 *4*	†0.8 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1470.9 *3*	†4.8 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1470.9 *4*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1471.0 *5*	0.44 *18*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1471.0 *6*	†0.36 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1471.0	3.3 *6*	^{145}Tb(29.5 s)	257.8(39), 987.8(37), 537.0(23)
1471.1 *3*	2.3 *5*	^{112}Rh(6.8 s)	348.70(87), 560.5(49), 1098.6(39)
• 1471.1 *5*	0.058 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1471.1 *3*	0.070 *14*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1471.1 *6*	0.011	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1471.1 *10*	0.52 *8*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1471.13 *7*	2.31 *12*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1471.2 *9*	0.23 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1471.2 *7*	0.78 *16*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
• 1471.24 *21*	0.011 *4*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1471.3 *3*	0.38 *4*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1471.3 *4*	0.016 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1471.68 *15*	0.44 *5*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1471.7 *2*	0.192 *18*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1471.7 *3*	0.34 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1471.8 *5*	0.143 *17*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1471.86 *5*	6.6 *5*	^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1471.86 *5*	1.3 *5*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
• 1471.90 *4*	0.0029 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1471.93 *5*	0.52 *3*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1472 *1*	†1.4 *5*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1472.08 *11*	0.28 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1472.1 *7*	<1.2	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1472.255 *8*	0.61 *4*	^{50}Sc(102.5 s)	1553.768(100), 1121.124(99.5), 523.792(88.7)
1472.28 *36*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1472.29 *21*	1.11 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1472.3 *3*	4.1 *8*	^{120}In(46.2 s)	1171.3(96), 1023.1(55), 863.7(32.5)
1472.4 *3*	0.062 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1472.4 *2*	0.00058 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1472.410	0.0255 *18*	^{33}Cl(2.511 s)	840.989(0.524), 1967.12(0.458), 2867.59(0.440)
1472.48 *6*	4.9	^{67}Ge(18.9 m)	167.01(84), 910.92(3.1), 914.68(3.0)
1472.5 *1*	0.69 *7*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1472.5 *4*	1.3 *3*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1472.54 *19*	0.187 *21*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1472.6 *5*	0.013 *6*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1472.76 *10*	6.9 *4*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1472.9 *3*	†0.73 *6*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1473	†4.8	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1473.0 *10*	0.038 *13*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1473.0 *4*	0.093 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1473.1 *8*	0.6 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1473.1 *4*	0.015 *5*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1473.1 *10*	0.63 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1473.1 *1*	2.34 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1137.1(1.30)
1473.2 *6*	0.054 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1473.2 *2*	54 *11*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)
1473.2 *3*	0.069 *13*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1473.21 *15*	1.46 *18*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1473.21 *16*	0.18 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1473.3 *7*	37 *5*	^{28}Na(30.5 ms)	2389.1(18.7), 3087.2(2.6), 3083.4(1.3)
1473.3 *7*	18.4 *10*	^{29}Na(44.9 ms)	2389.1(0.6), 3083.4(0.17), 3087.2(0.15)
1473.3 *7*	0.29 *6*	^{30}Na(48 ms)	
1473.3	4.6 *11*	^{35}Si(0.78 s)	4100.7(36.5), 3859.5(32.7), 2386.3(31.6)
1473.3 *1*	†1.9 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1473.31 *6*	0.35 *3*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1473.46 *2*	0.097 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1473.46 *2*	0.00312 *24*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1473.50 *7*	0.170 *8*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1473.55 *10*	1.38 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1473.6 *3*	1.4	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1473.6 *3*	0.46 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1473.6 *1*	0.198 *12*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1473.6 *7*	0.085 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1473.6 *3*	0.022 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1473.6 *4*	0.5 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1473.7 *5*	0.20 *7*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1473.74 *8*	0.32 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1473.77 *3*	1.25 *8*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1473.77 *3*	7.3 *5*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1473.8 *6*	0.069 *13*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1473.8 *1*	0.167 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1473.8 *5*	0.076 *13*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1473.8 *3*		^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1474.1	0.0112 *18*	^{35}Ar(1.775 s)	1219.42(1.35), 1763.10(0.312), 2693.5(0.1480)
1474.1 *3*	0.096 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1474.2 *3*	0.6 *3*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1474.2 *8*	0.10 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1474.3 *5*	0.13 *3*	^{73}Zn(23.5 s)	218.1(6.00), 910.5(1.91), 495.6(1.48)
1474.3 *4*	2.7 *7*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1474.3 *6*	0.045 *11*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1474.3	0.018 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1474.3 *7*	0.144 *25*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1474.3 *7*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1474.4 *4*	1.94 *10*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1474.4 *1*	1.32 *18*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1474.4 *3*	0.25 *3*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1474.42 *18*	0.0048 *11*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1474.5 *2*	1.09 *13*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1474.6 *5*	0.09 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1474.6 *4*	1.66 *17*	^{97}Rh(46.2 m)	189.21(49), 2245.6(14), 421.55(12.7)
1474.7 *1*	0.074 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1474.7 *3*	0.37 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1474.7 *2*	0.199 *12*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1474.7 *1*	0.0062 *14*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1474.7 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
• 1474.7 *3*	0.077 *8*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1474.7 *7*	†2.6 *10*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1474.84 *4*	0.112 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1474.88 *1*	16.32 *17*	^{82}Br(35.30 h)	776.517(83.5), 554.348(70.8), 619.106(43.4)
1474.88 *1*	0.0198 *4*	^{82}Br(6.13 m)	776.517(0.26), 698.374(0.0340), 1180.266(0.00394)
1474.88 *1*	0.079 *3*	^{82}Rb(1.273 m)	776.517(13), 1395.139(0.471), 698.374(0.133)
1474.88 *1*	15.53 *25*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1474.9 *5*	0.032 *8*	^{227}Fr(2.47 m)	90.035(39), 585.804(29.5), 64.267(14.5)
1475.0 *3*	0.59 *10*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1475.0 *10*	0.22 *11*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1475.2 *3*	0.76 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1475.2 *4*	0.04 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1475.25 *9*	0.087 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1475.3 *7*	10.8 *10*	^{60}Mn(1.77 s)	823.63(74), 1968.8(53), 492.9(18.0)
• 1475.3 *3*	0.011 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1475.36 *9*	0.84 *4*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1475.4 *3*	0.24 *2*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1475.4 *3*	0.07	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1475.46 *7*	0.42 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1475.5 *4*	1.4 *5*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1475.5 *7*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1475.7 *3*	2.14 *9*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1475.71 *14*	0.60 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1475.78 *9*	0.074 *10*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1475.788 *6*	0.0036 *5*	^{110}Ag(24.6 s)	657.7622(4.5), 815.35(0.0382), 1125.700(0.0153)
• 1475.788 *6*	3.969 *16*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1475.788 *6*	0.469 *20*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1475.788 *6*	1.25 *7*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1475.8 *5*	0.44 *7*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1475.80	†1.6	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1475.8 *3*	†1.5 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1475.8 *2*	0.008 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1475.9 *5*	1.06 *20*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1475.90 *7*	0.60 *6*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
• 1475.90 *6*	0.506 *10*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1475.98 *15*	0.047 *17*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1476.0 *5*	0.135 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1476.04 *6*	7.9 *6*	^{87}Br(55.60 s)	1419.71(22.0), 1577.60(6.0), 532.03(5.4)
1476.18 *10*	0.48	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1476.2 *2*	0.28 *3*	^{126}Sb(12.46 d)	695.03(100), 666.331(100), 414.81(83.3)
1476.2 *2*	0.34 *9*	^{126}Sb(19.15 m)	414.81(86), 666.331(86), 695.03(82)
1476.27 *11*	1.97 *7*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1476.3 *3*	0.65 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1476.3 *3*	0.00159 *3*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1476.4 *4*	0.0098 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1476.45 *13*	0.28 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1476.5 *20*	1.3 *9*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1476.5 *5*	0.075 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1476.5 *10*	0.24 *11*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1476.52 *5*	0.242 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1476.53 *14*	1.27 *13*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1476.6 *3*	0.110 *8*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1476.7 *2*	0.130 *9*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1476.7 *5*	0.0132 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1476.7 *6*	†0.32 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1476.7 *2*	0.44 *9*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1476.77 *7*	0.294 *12*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1476.77 *7*	0.035 *6*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1476.80 *30*	0.039 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1477.0 *4*	0.36 *5*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1477.13 *4*	8.7 *5*	^{93}Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1539.01(0.76)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1477.15 *35*	†12 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1477.15 *25*	0.32 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1477.28 *6*	0.013 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1477.35 *7*	0.09 *5*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1477.4 *2*	0.014 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1477.5 *5*	†0.45 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1477.5 *8*	0.19 *6*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1477.5 *3*	2.7 *5*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1477.5 *1*	0.88 *9*	^{188}Tl(71 s)	412.7(88), 592.0(61), 504.2(23.3)
1477.55 *15*	0.00135 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1477.6 *10*	0.052 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1477.66 *9*	0.0088 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1477.7 *2*	0.071 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1477.7 *1*	†100	^{151}Yb(1.6 s)	1050.2(†100), 1245.6(†100), 624.8(†100)
1477.8 *2*	0.259 *19*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1477.8 *4*	0.49 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1477.8 *6*	0.034 *11*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
• 1477.828 *14*	0.152 *13*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1478.0 *6*	0.16	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1478.01 *14*	0.196 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1478.2 *3*	0.30 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1478.3	0.13	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1478.50 *10*	0.45 *6*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
• 1478.50 *30*	1.0×10^{-5} *6*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
1478.5 *8*	†9 *2*	^{130}Sn(1.7 m)	144.9(†100), 899.2(†49), 84.7(†42)
1478.5 *4*	†1.1 *4*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1478.6 *4*	0.020 *20*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1478.65 *9*	0.218 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1478.7 *5*	0.28 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1478.72 *9*	0.00173 *18*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1478.8 *2*	0.120 *16*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1478.8 *5*	0.043 *14*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1478.8 *3*	0.40 *6*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1478.8 *7*		^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1478.88 *22*	†2.3 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1478.9 *3*	0.040 *4*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1478.99 *20*	0.085 *8*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1478.99 *20*	0.127 *14*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1479.00 *20*	1.00 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1479.0 *5*	0.43 *16*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
• 1479 *1*		^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1479.1 *5*	0.0016 *8*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1479.1 *3*	0.061 *12*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1479.1 *5*	0.0057 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1479.13 *18*	8.2 *5*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1479.15 *85*	0.071 *21*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1479.16 *10*	0.88 *6*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1479.2 *1*	0.068 *4*	^{113}Ag(5.37 h)	298.58(10), 258.8(1.64), 316.3(1.343)
1479.21 *11*	0.98 *8*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1479.22 *4*	0.5424 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1479.22 *12*	0.055 *23*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1479.4 *4*	0.34 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1479.43 *4*	0.227 *7*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1479.5 *4*	0.034 *17*	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1479.5 *5*	0.14 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1479.57 *25*	1.99 *11*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1479.6 *2*	0.0059 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1479.6 *3*	0.051 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1479.7 *5*	0.0146 *24*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
1479.7 *10*	0.47 *21*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
• 1479.71 *3*	0.0042 *3*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1479.89 *10*	0.164 *9*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1479.90 *21*	0.54 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1479.9 *5*	0.11	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1480.0 *5*	0.36 *10*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1480	†0.02 *1*	^{136}Pm(107 s)	373.8(†100), 602.7(†38.4), 857.2(†23.4)
1480.1 *3*	22	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1480.3 *1*	0.166 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1480.3 *7*	0.165 *22*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1480.37 *15*	0.017 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1480.5 *5*	1.24 *11*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1480.5 *1*	0.0118 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1480.6 *4*	0.068 *13*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1480.67 *81*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1480.7 *7*	1.2 *4*	^{135}Nd(12.4 m)	204.02(52), 41.43(23), 441.2(14.9)
1480.9 *3*	0.00040 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1480.94 *3*	0.62 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1481 *3*	0.50 *20*	^{118}Sb(5.00 h)	1229.68(100), 253.68(99), 1050.69(97)
1481.0 *2*	†3.8 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1481.0 *5*	0.51 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1481.1 *3*	0.0025 *10*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1481.12 *8*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1481.12 *8*		^{131}Sn(58.4 s)	367.40, 285.0, 62.9
1481.12 *8*	†12.0 *5*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1481.2 *5*	†1.2 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1481.2 *5*	0.23 *7*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1481.2 *5*	>0.05	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1481.2 *6*	0.134 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1481.3	>0.0050	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1481.4 *6*	0.094 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1481.5 *4*	0.059 *15*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1481.5 *1*	0.029 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1481.5 *1*	0.067 *11*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1481.5 *7*	0.12 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1481.6	0.13	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1481.6 *14*	0.21 *20*	^{90}Mo(5.67 h)	257.34(78), 122.370(64.2), 203.13(6.4)
1481.6 *3*	†0.27 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1481.6 *8*	0.29 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1481.6 *4*	0.15 *4*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1481.70 *14*	0.059 *6*	^{59}Fe(44.503 d)	1099.251(56.5), 1291.596(43.2), 192.349(3.08)
1481.8 *5*	0.75 *10*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1481.8 *3*	0.023 *5*	^{130}Cs(29.21 m)	536.09(3.8), 586.05(0.47), 894.5(0.39)
1481.8 *4*	0.14 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1481.84 *5*	24	^{65}Ni(2.5172 h)	1115.546(15.43), 366.27(4.81), 1623.42(0.498)
1481.9 *4*	2.08 *10*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 1567.5(14.9)
1481.9 *6*	0.044 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1482.0 *3*	0.75 *7*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
• 1482 *1*	0.0040 *11*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1482.1 *5*	42	^{30}Na(48 ms)	1978.1(10.4), 4966.3(6.8), 985.0(6.1)
1482.1 *5*	†100	^{31}Na(17.0 ms)	1978.1(†22), 1820.1(†20), 306.5(†13)
1482.1 *5*	1.2 *10*	^{32}Na(13.2 ms)	
1482.1 *1*	0.788 *23*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
• 1482.15 *10*	0.605 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1482.17 *11*	1.45 *10*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1482.20 *20*	0.41 *4*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1482.29 *12*	0.0249 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1482.3 *3*	†3.8	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1482.4 *4*	0.176 *25*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1482.5 *3*	0.50 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1482.5 *4*	4.2 *3*	^{110}Sb(23.0 s)	1211.87(92), 985.03(31.2), 1243.6(13.4)
1482.5 *4*	†2.50 *21*	^{196}Ir(1.40 h)	393.346(†105.2), 521.175(†104), 447.1(†102.1)
1482.51 *29*	0.116 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1482.6 *4*	0.19 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1482.61 *17*	†6.9 *15*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1482.67 *16*	†2.1 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1482.8 *7*	0.37 *10*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1482.8 *3*	†2.5 *3*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1482.8 *3*	0.029 *8*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1482.9 *2*	0.39 *3*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1482.9 *2*	0.041 *9*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1482.95 *18*	0.105 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1483.00 *4*	1.92 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1483.0 *4*	0.34 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1483.0 *1*	0.027 *4*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1483.09 *9*	0.0205 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1483.2 *5*	34.1 *12*	^{69}Ni(11.4 s)	1871.1(40.9), 679.7(39.7), 1213.0(39.3)
• 1483.20 *20*	0.132 *23*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1483.21 *33*	†25 *5*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1483.23 *10*	8.2 *4*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1483.3 *3*	0.101 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1483.3 *5*	0.0047 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1483.39 *2*	46.5 *20*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1436.70(29.0)
1483.4 *2*	2.60 *16*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1483.45 *12*	0.292 *19*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
1483.5	1.0	^{144}Tb(1 s)	743.0(21), 1143.9(4.0), 1719.1(1.7)
1483.5	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1483.516 *31*	0.149 *4*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1483.52 *5*	0.532 *17*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1483.6 *1*	0.24 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1483.65 *8*	†100 *13*	^{168}Lu(5.5 m)	228.58(†97), 111.8(†68), 111.79(†68)
1483.694 *18*	0.103 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1483.9 *5*	0.18 *3*	^{125}Sn(9.52 m)	332.10(97.2), 1404.0(0.70), 589.6(0.20)
1483.96 *7*	1.43 *8*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1483.96 *24*	0.087 *12*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1483.97 *9*	0.201 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1484.0	0.31 *4*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1484.1 *1*	0.203 *16*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1484.1	†66.2	^{158}Ho(21.3 m)	406.14(†100), 838.9(†84.3), 166.4(†55.4)
1484.1 *7*	†3.4 *10*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1484.35 *5*	1.29 *9*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1484.4 *4*	†0.9 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1484.4 *4*	0.239 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1484.55 *23*	†0.88 *16*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1484.6 *2*	0.61 *10*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1484.6 *5*	0.025 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1484.69 *20*	2.4 *3*	^{124}In(2.4 s)	1131.64(100), 969.94(52), 1072.85(47)
1484.7 *2*	0.091 *9*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
• 1484.72 *2*	0.066 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1484.8 *15*	0.20 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1484.9 *3*	0.39 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1484.95 *13*	0.71 *11*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1484.98 *5*	0.0264 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1485.0 *5*	0.14 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1485.0 *3*	0.23 *9*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1485.1 *5*	0.0005 *3*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1485.1 *3*	0.20 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1485.2 *3*	0.018 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1485.2 *4*	0.130 *14*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1485.2 *7*	0.14 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1485.2 *15*	0.32 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1485.2 *15*	0.47 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1485.2 *3*	0.016 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1485.3 *4*	16	^{51}Ca(10.0 s)	861.6(35), 1394.0(27), 1167.5(23)
1485.38 *16*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1485.4 *2*	0.030 *6*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1485.45 *7*	0.2220 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1485.45	0.0444 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
• 1485.49 *3*	1.90 *8*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1485.53 *5*	0.6 *5*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1485.6 *7*	0.048 *14*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1485.6 *3*	0.078 *17*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1485.6 *8*	0.048 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1485.71 *8*	0.169 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1485.8 *4*	0.046 *5*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1485.8 *1*	5.9 *8*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1485.9 *7*	0.33	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1485.9 *2*	0.103 *8*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1486	>0.05	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1486.0 *4*	0.56 *8*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1486.0 *2*	0.212 *17*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
• 1486.00 *30*	0.0448 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1486.00 *6*	0.073 *14*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
• 1486.100 *10*	0.00056 *2*	^{115}Cd(44.6 d)	933.8(2.000), 1290.580(0.890), 484.470(0.290)
1486.1 *4*	†0.47 *9*	^{192}Tl(9.6 m)	422.8(†100), 634.8(†75.9), 786.3(†31.7)
1486.10 *25*	1.5 *3*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1486.14 *17*	†87 *9*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1486.20 *12*	0.0190 *24*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1486.2 *15*	0.090 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1486.4 *1*	0.013 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1486.4 *5*	0.12 *3*	^{140}Pm(5.95 m)	1028.19(100), 773.74(100), 419.57(92)
1486.5 *2*	†3	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1486.5 *4*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1486.57 *4*	0.0045 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1486.6 *1*	0.0337 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1486.6 *5*	0.24 *6*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1486.7 *3*	>0.049	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

$E_\gamma(\Delta E)$	$I_\gamma(\Delta I)$	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1486.7 *3*	0.17 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1486.8 *6*	†0.55 *8*	^{27}Na(301 ms)	984.64(†114), 1697.94(†15.5), 3109.2(†>3.4)
1486.9 *10*	†0.7 *4*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1486.90 *7*	0.0020 *15*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1487.0 *3*	0.044 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1487.01 *15*	0.0087 *15*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1487.01 *25*	0.075 *10*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1487.05 *8*	0.0169 *8*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1487.05 *8*	0.126 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1487.07 *19*	0.009 *5*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1487.10 *13*	0.22 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1487.1 *5*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1487.2 *3*	0.49 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
• 1487.21 *24*	0.036 *5*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1487.25 *20*	0.474 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1487.27 *15*	2.41 *13*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1487.3 *1*	0.0044 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1487.3 *2*	0.75 *4*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1487.3 *4*	1.07 *20*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1487.36 *20*	0.0008	^{119}Te(16.03 h)	644.01(84), 699.85(10.1), 1749.65(3.95)
1487.38 *11*	0.21 *3*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1487.4 *2*	0.0088 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1487.5 *4*	0.17 *3*	^{101}Ag(11.1 m)	261.0(53), 588.0(10.0), 667.3(9.8)
1487.5 *5*	0.34 *15*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1487.5 *6*	0.06	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1487.59 *18*	†0.48 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1487.6 *4*	0.070 *23*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1487.6 *5*	0.08 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1487.7 *15*	0.15 *3*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1487.76 *18*	0.54 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1487.8 *5*	0.09	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1487.85 *15*	0.0119 *20*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1487.9 *2*	1.1	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1488.0 *2*	0.013 *5*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
• 1488.02 *6*	0.097 *7*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1488.1 *4*	0.094 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1488.1 *10*	†0.91 *5*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1488.1 *8*	†3.3 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1488.17 *20*	0.16 *4*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1488.17 *29*	0.7 *3*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
• 1488.2	0.022	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1488.2 *6*	0.74 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1488.2 *1*	0.200 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1488.29 *27*	0.0043 *9*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1488.3 *3*	1.06 *6*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
1488.3	0.062 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1488.39 *10*	0.015 *9*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1488.4 *8*	0.6 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1488.4 *4*	0.16	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1488.4 *4*	0.012	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1488.5 *2*	†8.9 *13*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1488.5 *5*	0.10 *3*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1488.5 *10*	0.14	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1488.62 *20*	0.16	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1488.70 *20*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1488.7 *2*	4.1 *3*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1488.8 *6*	0.0013 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
• 1488.886 *24*	0.69 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
• 1488.886 *24*	0.181 *6*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1488.9 *3*	0.00033 *8*	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1488.91 *5*	2.6 *3*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1488.91 *12*	0.31 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1488.94 *3*	1.150 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1489.0 *4*	0.35 *5*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1489.0 *4*	0.022 *4*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1489.0 *7*	0.115 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1489.0 *7*	0.22 *8*	^{136}Nd(50.65 m)	108.90(32), 40.2(18.9), 574.8(10.4)
1489.0 *10*	†0.63 *19*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1489.04 *10*	0.076 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1489.11 *11*	†100 *10*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1489.160 *5*	0.278 *4*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1387.9(0.00672)
1489.3 *3*	3.44 *21*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1489.30 *10*	0.7	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1489.35 *6*	2.87 *6*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1489.42 *15*	0.00139 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
• 1489.47 *14*	0.00204 *10*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1489.5	0.099 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1489.5 *2*	0.178 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1489.5 *1*	†0.82 *14*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1489.54 *3*	0.198 *20*	^{114}Ag(4.6 s)	558.454(20.40), 576.08(1.77), 1301.234(1.31)
1489.6 *3*	0.38 *6*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1489.6 *4*	0.23 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1489.60 *19*	0.0012 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1489.60 *19*	0.00149 *25*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1489.6 *6*	1.41 *11*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1489.6 *3*	2.6 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1489.62 *20*	0.30 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1489.7 *2*	0.47 *10*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1489.72 *5*	0.446 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1489.75 *25*	0.19 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1489.8 *5*	0.92 *5*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1489.8 *2*	0.66 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1489.8 *2*	†100	^{151}Yb(1.6 s)	1050.2(†100), 1245.6(†100), 624.8(†100)
1489.8 *4*	†1.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1489.8 *3*	†0.19 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1489.87 *10*	0.43 *4*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1489.88 *14*	0.119 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1490.0 *6*	†0.21 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1490.0 *4*	0.21 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
• 1490.0 *5*	0.030 *7*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1490.0 *4*	†1.5 *5*	^{185}Pt(33.0 m)	229.60(†100), 135.3(†80), 197.4(†74)
1490 *20*	2.0 *10*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1490.1 *5*	0.80 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1490.1 *7*	0.37 *7*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1490.14	2.58 *17*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1490.25 *25*	0.47 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1490.3 *1*	9.2 *6*	^{141}Sm(22.6 m)	196.88(74), 431.6(40.4), 777.6(20.3)
1490.3 *2*	0.18 *3*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1490.3 *4*	0.44 *22*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1490.37 *22*	1.04 *8*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1490.37 *22*		^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1490.4 *2*	0.81 *6*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1490.4 *3*	0.4 *1*	^{150}Er(18.5 s)	475.8(100), 130.0(2.6), 1014.0(0.9)
1490.43 *19*	0.11 *3*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
• 1490.45 *30*	0.0237 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1490.5 *4*	0.116 *12*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
• 1490.6 *4*	0.0029 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1490.8 *1*	0.273 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1490.9	0.022 *9*	^{43}Ti(509 ms)	2288.2(4.40), 845.2(2.77), 2458.5(0.91)
1490.9 *4*	0.190 *20*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1490.9 *5*	†3.0 *5*	^{136}Eu(3.3 s)	254.9(†100), 431.4(†34), 458.0(†20)
1490.9 *2*	†90	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1490.93 *18*	0.010 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1491.0 *5*	2.9 *6*	^{52}Sc(8.2 s)	1049.7(98), 1267.9(39), 1032.3(13.7)
1491.1 *4*	0.26 *8*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1491.2 *5*	0.009 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1491.2 *4*	†0.62 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1491.24 *7*	1.3 *3*	^{130}Sb(6.3 m)	839.49(100), 793.53(86), 182.36(41)
1491.25 *24*	0.122 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1491.3 *2*	0.61 *9*	^{140}Eu(1.51 s)	530.7(29), 1068.0(3.2), 459.9(3.19)
1491.3 *10*	0.97 *23*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1491.4 *4*	0.184 *16*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1491.6 *5*	0.6	^{101}Cd(1.2 m)	98.0(47), 1722.5(11), 1259.3(8)
1491.70 *30*	3.3 *6*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1491.72 *18*	0.38 *4*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1491.8 *15*	0.163 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1491.9 *4*	1.1 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1492.0 *7*	†0.82 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1492.09 *10*	0.00145 *21*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1492.09 *10*	0.174 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
• 1492.1 *3*	0.0159 *21*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1492.13 *12*	0.54 *3*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1492.2 *3*	0.106 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1492.2 *3*	0.159 *24*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1492.3 *5*	0.13 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1492.3 *5*	0.37 *19*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1492.3 *5*	1.4 *3*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1492.3 *4*	1.0 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1492.4 *3*	1.35 *18*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1492.45 *9*	†5.7 *4*	^{93}Tc(43.5 m)	2644.55(†42.7), 943.33(†8.7), 3129.0(†6.4)
1492.5 *5*	3.4 *7*	^{98}Y(2.0 s)	1223.0(80), 620.505(63), 647.58(53)
1492.5 *3*	†0.49 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1492.5 *7*	0.02 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1492.5 *3*	0.12 *3*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1492.5 *9*	0.09 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1492.6 *2*	0.71 *7*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1492.6 *2*	0.5	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1492.61 *4*	0.5718 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1492.7 *3*	0.96 *13*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1492.8	0.043	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
• 1492.81 *4*	0.099 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1492.85 *15*	0.20 *10*	^{206}At(30.0 m)	700.66(98), 477.10(86), 395.54(48)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1493	>0.009	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1493.0 *2*	0.0059 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1493 *1*	0.025 *12*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
• 1493.09 *8*	0.00019 *3*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1493.1 *5*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1493.1 *7*	0.85 *20*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)
1493.23 *12*	0.25 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1493.3 *3*	0.28 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1493.35 *12*	0.353 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1493.38 *8*	0.34 *3*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1493.43 *16*	0.0153 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1493.44 *36*	0.12 *5*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1493.5 *4*	0.16 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1493.6 *1*	0.103 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1493.8 *5*	>0.050	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1493.8 *4*	>0.050	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
1493.83 *14*	†0.77 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
• 1494.048 *9*	0.704 *7*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1494.048 *9*	0.27 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1494.1 *7*	0.14	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1494.1 *4*	†0.16 *10*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1494.2 *2*	6.1 *3*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1494.45 *21*	0.62 *17*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1494.5 *3*	0.40 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1494.6 *3*	1.12 *7*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
1494.6 *5*	†4.9 *6*	^{103}Mo(67.5 s)	83.4(†100), 423.91(†69), 45.8(†57)
1494.6 *3*	†100 *15*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1579.9(†100)
1494.65 *8*	0.067 *7*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1494.69 *4*	0.0010 *5*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1494.7 *3*	5.0 *3*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1494.7 *4*	†5 *2*	^{114}Te(15.2 m)	90.28(†100), 83.8(†67), 1417.6(†32)
1494.70 *17*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1494.7	>0.0047	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
1494.8	1.1	^{133}Pr(6.5 m)	134.3(14), 74.0(10), 315.6(10)
1494.80 *15*	0.62 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1494.85 *15*	0.230 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1494.85 *5*	3.21 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1494.9 *3*	0.062 *9*	^{190}Ir(11.78 d)	186.718(52.4), 605.24(39.9), 518.55(34.0)
1495.0 *5*	†33 *3*	^{88}Se(1.52 s)	159.2(†100), 259.2(†82), 1903.7(†64)
1495.0 *2*	0.66 *17*	^{142}Gd(70.2 s)	750.2(11.2), 178.90(11.20), 284.4(6.16)
1495.0 *2*	0.17 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1495.08 *11*	0.159 *20*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1495.2 *3*	>0.06	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1495.2 *9*	0.012 *9*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1495.3 *5*	0.054 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1495.3 *5*	0.51 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1495.39 *26*	0.38 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1495.4 *3*	1.1 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1495.4 *3*	1.9 *6*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1495.4 *5*	0.18 *4*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1495.4 *10*	0.153 *21*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1495.5 *4*	0.62 *10*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1495.5 *4*	3.3 *12*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1495.5	1.65	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1495.5 *5*	0.014 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1495.53 *5*	19.9 *6*	^{81}Ge(7.6 s)	335.98(58.9), 792.94(34), 93.10(13)
1495.57 *18*	0.0140 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1495.60 *3*	0.498 *10*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1495.6 *5*	†2.5 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1495.6 *3*	0.052 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1495.63 *23*	0.18 *4*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1495.7 *2*	1.79 *13*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1495.8 *3*	9.6 *6*	^{109}Sb(17.0 s)	925.4(32), 1062.8(23.9), 664.5(20.1)
1495.80 *14*	0.0016 *5*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1495.8 *5*	8.2 *9*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1495.82 *16*	0.00081 *7*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1495.85 *15*	0.19	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1495.9 *4*	0.175 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1495.91 *1*	0.89 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1496.0 *7*	0.13 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1496.0 *2*	0.036 *8*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1496.1 *5*	1.60 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
• 1496.18 *8*	0.176 *10*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1496.2 *2*	5 *1*	^{151}Tm(4.13 s)	801.6(73), 2115.8(13), 1548.6(10)
1496.2 *5*	0.5	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1496.21 *15*	0.314 *10*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1496.21 *15*	0.269 *6*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1496.25 *12*	0.06 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1496.3 *3*		^{146}Dy(29 s)	2156.8, 1915.7, 1876.7
1496.3 *2*	†1.5 *2*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
1496.33 *13*	0.0222 *6*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1496.4 *3*		^{131}Sn(56.0 s)	3267.5, 2470.5, 2039.25
1496.4 *3*	†2.2 *3*	^{131}Sn(56.0 s)	1226.03(†100), 450.03(†90), 798.50(†86)
1496.42 *7*	0.019 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1496.5 *3*	0.8 *4*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
• 1496.5 *4*	0.076 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1496.50 *89*	0.08 *3*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1496.56 *5*	1.08 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1496.60 *25*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1496.6	†8	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1496.7 *3*	0.74 *11*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1496.80 *20*	0.061 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1496.9 *5*	0.060 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
• 1496.90 *18*	0.252 *9*	^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1496.9 *1*	1.33 *3*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 817.89(1.28)
1496.91 *9*	0.0428 *18*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1496.97 *12*	0.61 *6*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1497.0 *3*	0.0025 *13*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1497.0 *1*	0.0182 *11*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
1497.0	0.035 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1497.0 *4*	0.0006 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1497.1 *5*	0.016	^{116}In(14.10 s)	1293.54(1.3), 463.16(0.25), 1252.5(0.031)
1497.1 *5*	†0.20 *2*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1497.13 *17*	0.225 *13*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1497.19 *20*	0.11	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1497.33 *23*	0.74 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
• 1497.6	0.030	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1497.6	0.016 *6*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1497.7 *6*	0.27 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1497.7 *6*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1497.7 *1*	0.047 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1497.7 *3*	0.063 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1497.8 *10*	0.14 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1497.8 *8*	0.095 *15*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1497.807 *15*	3.28 *7*	^{96}Nb(23.35 h)	778.224(96.45), 568.80(58.0), 459.88(26.62)
• 1497.807 *15*	0.093 *7*	^{96}Tc(4.28 d)	778.224(100), 849.929(98), 812.581(82)
1497.807 *15*	0.120 *6*	^{96}Tc(51.5 m)	778.224(1.9), 1200.231(1.08), 480.705(0.311)
1497.9 *8*	4.1	^{87}Se(5.85 s)	242.5(37), 334.0(35), 573.2(19)
• 1497.92 *4*	0.281 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1498 *1*	0.07 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1498.0 *10*	0.017 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1498.0 *10*	0.050 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1498.0 *2*	0.14 *7*	^{164}Tm(5.1 m)	208.08(14.6), 314.97(10), 240.49(7.5)
1498.15 *20*	0.08 *3*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1498.16 *5*	1.47 *6*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1498.2 *3*	0.0041 *12*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1498.3 *2*	0.32 *17*	^{63}Ga(32.4 s)	637.04(11), 627.10(10.3), 192.94(5.7)
1498.3 *3*	1.42 *14*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1498.3 *4*	†1.0 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1498.4 *5*	0.25 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1498.5 *3*	0.36 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1498.5 *5*	†1.5 *4*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1498.52 *63*	0.12 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1498.6 *3*	†1.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1498.7 *5*	0.52 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
• 1498.75 *30*	0.0340 *18*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1498.80 *20*	0.43 *4*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1498.80 *20*	0.0067 *4*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1498.80 *20*	0.00070 *15*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1498.9 *3*	0.29 *2*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1498.95 *15*	0.036 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1499.0 *3*	0.058 *19*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 1522.11(4.5)
1499.0 *5*	†7 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1499.0 *3*	0.21 *5*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1499.1 *4*	0.60 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
• 1499.13 *4*	0.171 *14*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1499.15 *26*	0.26 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1499.3 *5*	0.037 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1499.3 *10*	0.09 *4*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1499.3 *7*	0.70 *10*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
• 1499.35 *10*	0.0394 *19*	^{150}Eu(35.8 y)	333.971(96), 439.401(80.4), 584.274(52.6)
1499.4 *5*	0.58 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1499.4 *5*	0.050 *16*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1499.43	7.8 *3*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1499.43	0.912 *15*	^{44}Sc(3.927 h)	1157.031(99.9), 2656.41(0.115), 2144.2(0.0069)
1499.48 *16*	0.22 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1499.5 *10*	0.078 *22*	^{99}Rh(4.7 h)	340.71(70), 617.8(12.0), 1261.2(11)
1499.50 *10*	1.37 *4*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1499.50 *4*	0.155 *4*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1499.50 *20*	0.081 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1499.5 *2*	†0	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1499.56 *19*	†0.19 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1499.6 *8*	0.4 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1499.6 *6*	0.075 *14*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1499.8 *2*	0.099 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1499.9 *3*	0.037 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1499.92 *3*	0.20 *3*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1500.0 *5*	0.086 *10*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1500 *1*	0.12 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1500.0 *2*	0.011 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1500.1 *3*	0.37 *4*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1500.11 *6*	0.125 *10*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1500.20 *9*	0.0396 *20*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
• 1500.2 *2*	0.124 *10*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1500.2 *4*	0.086 *11*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1500.3 *6*	0.09	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1500.3 *2*	5.46 *13*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1500.4 *7*	0.082 *23*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1500.40 *11*	0.91 *5*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1500.4 *2*	0.0113 *23*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1500.4 *5*	0.20 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1500.41 *6*	4.74 *16*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1500.41	0.08	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1500.5 *3*	0.70 *15*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1500.5 *3*	0.017 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1500.5 *6*	0.25 *8*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1500.5 *20*	0.07 *3*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1500.5 *10*	0.036 *18*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1500.53 *26*	0.34 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1500.54 *8*	0.167 *16*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1500.6 *5*	0.70 *9*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1500.61 *4*	0.372 *22*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1500.62 *3*	0.115 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1500.8		^{108}Rh(16.8 s)	433.937(43), 618.84(15.0), 497.22(5.2)
1500.8 *3*	0.22 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1500.9 *5*	0.0191 *10*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1500.9 *6*	0.40 *12*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1500.96 *10*	1.33 *10*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1501.00 *15*	0.197 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1501.0 *3*	1.02 *6*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1501 *2*	†1.3×10^3	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1501.1 *2*	†4.5 *5*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1501.18 *12*	0.348 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1501.2 *4*	0.65 *10*	^{116}Sb(60.3 m)	1293.54(100), 972.550(72), 542.872(52)
1501.31 *8*	0.59 *4*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1501.38 *8*	0.059 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1501.4	0.39 *6*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1501.51 *19*	0.100 *15*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
• 1501.55 *4*	0.227 *14*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1501.577 *15*	0.47 *3*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1501.6 *3*	0.281 *23*	^{69}Cu(2.85 m)	1007.5(23.4), 834.4(13.1), 531.2(6.0)
• 1501.6 *5*	>0.0010	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1501.60 *11*	4.8 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1501.6 *6*	0.25 *3*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1501.6 *15*	0.207 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1501.7 *4*	0.15 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1501.74 *8*	0.100 *15*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1501.8 *2*	0.036 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1501.8 *3*	†0.55 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1501.8 *2*	0.00057 *5*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1501.9 *1*	4.4 *3*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1501.94 *22*	1.31 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1502.02 *10*	0.81 *7*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1502.04 *8*	2.14 *8*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1502.13 *15*	0.32 *5*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1502.28 *5*	4.03 *24*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1502.3 *5*	0.49 *7*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1502.4 *3*	0.140 *16*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1502.4 *3*	†0.76 *11*	^{201}Po(8.9 m)	967.4(†100.0), 964.3(†85), 411.9(†33.0)
1502.5 *8*	0.010 *3*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1502.5 *7*	0.044 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1502.5 *1*	0.65 *7*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1502.5 *4*	0.65 *11*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1502.6 *6*	†15 *4*	^{112}Te(2.0 m)	372.70(†100), 296.20(†86), 418.9(†57)
1502.7 *3*	0.88 *16*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1502.7 *2*	0.25	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1502.7 *1*	†0.23 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1502.7 *1*	0.107 *21*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1502.79 *4*	1.08 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1502.8 *5*	0.031 *25*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1502.8 *5*	0.17 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1502.83 *17*	0.41 *5*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 1502.89 *6*	0.215 *12*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1502.9 *3*	5.8 *6*	^{84}Y(40 m)	793.3(99), 974.6(75), 1040.2(56)
1502.92 *19*	0.217 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1502.96 *30*	0.116 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1503.0 *7*	0.09 *3*	^{91}Rb(58.4 s)	93.628(33.7), 2564.19(12.5), 3599.67(10.4)
1503		^{109}Tc(0.87 s)	194.6(†100), 128.7(†51), 96.2(†48)
1503.0	†8	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1503.0 *7*	1.03 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1503.1 *6*	0.202 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1503.1 *10*	0.09 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
• 1503.200 *2*	0.186 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1503.2 *10*	0.29 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1503.3 *1*	0.38 *3*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1503.4 *1*	1.18 *8*	^{143}Gd(112 s)	271.94(84), 588.00(15.7), 798.89(10.7)
1503.5 *2*	2.4 *7*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1503.7 *2*	11.3 *15*	^{100}Ag(2.01 m)	665.54(99), 750.67(78), 773.20(24.2)
1503.7 *3*	0.039 *5*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1503.7 *10*	>0.11	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1503.8 *5*	0.012 *3*	^{71}Zn(3.96 h)	386.28(93), 487.38(62), 620.18(57)
• 1503.8 *4*	0.0090 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1503.80 *25*	0.62 *15*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1503.9 *3*	0.163 *17*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1503.9		^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1503.9 *3*	†4.4 *8*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1503.9 *6*	0.100 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1503.94 *12*	5.3 *6*	^{80}Zn(0.545 s)	712.53(45.1), 715.40(33.8), 964.93(15.6)
1503.94 *7*	0.081 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1504.0 *3*	0.044 *4*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1504.0 *3*	0.033 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1504 *1*	2.0 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1504.07 *10*	3.82 *21*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1504.1 *5*	0.09 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1504.10 *20*	10.2 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
1504.13 *2*	1.58 *5*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1504.24 *10*	0.76 *11*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1504.30 *10*	1.17 *11*	^{106}Tc(35.6 s)	270.07(56), 2239.30(13.6), 1969.40(8.9)
1504.3 *6*	1.3 *2*	^{148}Ho(9.59 s)	1687.5(82.47), 660.8(58.94), 504.3(18.62)
1504.3 *3*	0.070 *17*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1504.3 *3*	†0.80 *19*	^{201}Po(8.9 m)	967.4(†100.0), 964.3(†85), 411.9(†33.0)
1504.4 *10*		^{77}Ga(13.2 s)	469.4(†100), 458.6(†48), 2187.3
1504.4 *3*	0.32 *5*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1504.58 *11*	†0.46 *4*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1504.6 *8*	0.40 *10*	^{121}Cd(13.5 s)	324.976(49.5), 1040.26(16.8), 349.937(12.9)
1504.7 *1*	0.095 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1504.72 *25*	†0.54 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1504.8 *5*	†10 *3*	^{71}Cu(19.5 s)	489.7(†100), 595.2(†30.5), 586.5(†30.2)
1504.8 *5*	0.54 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1504.8 *4*	0.075 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1504.84 *17*	0.162 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1504.9 *10*	0.038 *10*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1504.9 *6*	1.2 *3*	^{166}Lu(1.41 m)	228.12(15), 102.38(13), 285.07(11.0)
1505.00 *4*	0.826 *19*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1505 *5*	†2.6	^{244}Bk(4.35 h)	891.5(†100), 217.6(†88), 921.5(†19)
• 1505.040 *5*	12.95 *5*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1505.040 *5*	0.092 *9*	^{110}In(69.1 m)	657.7622(98), 2129.53(2.13), 2211.49(1.76)
1505.040 *5*	0.26 *4*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1505.1 *4*	0.74 *16*	^{166}Lu(2.65 m)	228.12(77.3), 337.50(41), 367.95(31.4)
1505.2 *3*	0.07 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1505.2 *3*	0.30 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1505.21 *15*	0.12 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1505.5 *4*	0.11 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1505.5 *2*	†6.3 *8*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 1505.6 *2*	>0.006	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1505.65 *15*	0.56 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1505.66 *52*	0.022 *7*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1505.7 *7*	0.39 *9*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1505.7 *9*	0.46 *10*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1505.76 *6*	2.24 *12*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1505.85 *50*	9.2 *4*	^{79}Ge(19.1 s)	109.58(21), 100.48(2.70), 503.26(2.16)
1505.9 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1505.9 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1505.9 *4*	3.6 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1505.9 *5*	5.5 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1505.95 *19*		^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1506.0 *10*	0.0008 *8*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1506.1 *13*	0.48 *12*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1506.2 *3*	0.113 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1506.2 *8*	0.28 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1506.2 *4*	0.213 *22*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1506.28 *12*	0.21 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1506.3 *10*	3.53 *25*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1506.4 *4*	0.83 *17*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1506.4 *4*	0.28 *3*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1506.40 *6*	1.38 *7*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1506.4 *2*	0.108 *15*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1506.47 *13*	†3.41 *20*	^{162}Lu(1.37 m)	166.82(†100), 631.87(†26.6), 798.76(†16.9)
1506.5 *6*	0.048 *15*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1506.6 *3*	0.119 *13*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1506.6 *9*	0.10 *4*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1506.6 *3*	†3.5 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1506.7 *4*	3.67 *18*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1506.79 *40*	0.078	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1506.79 *14*	†2.1 *3*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1506.8 *5*	0.017 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1506.8		^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1506.8 *4*	0.07 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1506.84 *7*	2.56 *11*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1506.9 *2*	4.4 *4*	^{96}Rb(0.199 s)	815.0(78.00), 692.0(8.0), 813.2(7.0)
1506.9 *2*	6.9	^{97}Rb(169.9 ms)	815.0(100), 692.0(16.5), 414.3(15.0)
1506.90 *30*	1.19 *13*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1506.9 *7*	†5.1×10^3 *12*	^{119}In(18.0 m)	1065.55(†80000), 1249.71(†44000), 1163.85(†32000)
1506.9 *3*	0.150 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1506.97 *9*	0.64 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1507.0 *7*	0.039 *21*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1507.0 *5*	†1.1 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1507.0	>0.0047	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
1507	0.17 *5*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1507.1 *5*	0.40 *25*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1507.10 *30*	0.197 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1507.1 *6*	0.07	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1507.1		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1507.11 *22*	6.06 *6*	^{89}Zr(4.18 m)	
1507.2 *3*	0.15 *3*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1507.2 *3*	0.74 *20*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1507.3 *5*	0.73 *13*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1507.3 *2*	0.020 *4*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1507.4 *2*	10.0 *3*	^{116}In(54.41 m)	1293.54(84.4), 1097.3(56.2), 416.86(28.9)
1507.4 *2*	0.08	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
1507.48 *8*	0.047 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1507.5 *6*	0.46 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1507.50 *23*	0.076 *9*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1507.57	0.96 *20*	^{35}K(190 ms)	2982.67(50.8), 2589.80(26.4), 1750.6(14.2)
1507.6 *3*	0.280 *11*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1507.6 *4*	0.75 *15*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
• 1507.68 *3*	0.0056 *9*	^{148}Pm(5.370 d)	1465.12(22), 550.284(22.00), 914.85(11.46)
1507.70 *4*	2.46 *12*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1507.77 *14*	0.237 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1507.8 *6*	0.17 *11*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1507.8 *3*	0.023 *5*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1507.8 *5*	0.29 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
• 1507.80 *20*	0.045 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1507.86 *10*	0.35 *4*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1507.93 *9*	24.3 *7*	^{91}Mo(65.0 s)	1208.09(18.7), 2240.87(0.73), 1032.59(0.530)
1508.0 *3*	0.22 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1508 *2*	0.51 *6*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1508 *3*	2.3 *11*	^{114}Rh(1.85 s)	332.9(87), 519.8(48.4), 618.7(31)
1508.0 *4*	0.15 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1508 *1*	†3.7 *7*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1508.1 *7*	0.19 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1508.1 *5*	0.011 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1508.1 *3*	0.34 *5*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1508.1 *4*	0.95 *8*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1508.2 *6*	0.069 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1508.2 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1508.22 *6*	0.345 *13*	^{78}Rb(17.66 m)	454.97(63), 692.86(12.56), 562.15(11.41)
1508.37 *9*	0.562 *9*	^{66}Ga(9.49 h)	1039.30(37), 2752.01(23.38), 833.50(5.89)
1508.4 *3*	0.049 *5*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1508.41 *23*	0.22 *3*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1508.5 *3*	0.202 *20*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1508.6 *4*	0.29 *10*	^{117}Ag(5.34 s)	135.4(48), 386.8(39.9), 298.1(21.1)
1508.6 *8*	0.078 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1508.7 *5*	0.008 *3*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1508.7 *4*	†0.4 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1508.7 *3*	0.108 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1508.84 *15*	0.133 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1509.0 *18*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1509.0 *1*	†1.06 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1509.0 *4*	0.0007 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1509.03 *12*	0.017 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1509.12 *20*	2.8 *3*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1509.228 *15*	2.12 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1509.26 *18*	†7.5 *15*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1509.27 *4*	0.250 *8*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1509.3 *4*	0.68 *7*	^{94}Tc(293 m)	871.082(100), 702.626(99.6), 849.74(95.7)
1509.3 *1*	0.0094 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1509.3 *7*	0.056 *12*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1509.3 *4*	†0.8 *4*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1509.48 *3*	101 *3*	^{92}Tc(4.23 m)	773.04(100), 329.71(79.9), 147.80(71)
• 1509.49 *4*	2.989 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1509.6 *4*	†16	^{154}Nd(25.9 s)	151.703(†800), 799.55(†600), 180.693(†510)
1509.66 *9*	0.23 *3*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1509.8 *4*	3.3 *6*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1509.9	0.7	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1509.9 *3*	†0.086 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1509.93 *13*	0.47 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1510.0 *3*	1.0 *4*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
• 1510.0 *5*	0.0048 *8*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1510 *1*	0.055 *18*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1510.05 *7*		^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1510.05 *7*	1.8 *6*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1510.1 *2*	>0.009	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1510.2 *2*	0.086 *12*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1551.1(0.42)
1510.3	0.6	^{96}Y(9.6 s)	1750.42(89), 915.0(60), 617.1(56)
1510.3 *3*	1.86 *16*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1510.3 *5*	0.35	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1510.35 *15*	0.024 *3*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1510.38 *9*	†2.74 *18*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1510.39 *14*	0.70 *6*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1510.4	>0.28	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1510.4 *2*	†114	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1510.47 *10*	5.9 *5*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1510.5 *5*	0.14 *5*	^{139}Nd(5.50 h)	113.94(40), 737.96(35), 982.2(26.4)
1510.5 *5*	†0.287×10^{4} *16*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1510.6 *5*	2.36 *24*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1510.6 *12*	2.9	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1510.61 *16*	0.38 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1510.7 *3*	0.35 *6*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1510.83 *5*	0.0066 *4*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1510.89	0.52 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1510.89 *8*	0.52 *4*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1511 *2*	0.17	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1511.0 *4*	0.55 *10*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1511.1 *20*	†1.24 *11*	^{102}Tc(4.35 m)	475.070(†115), 628.05(†35.3), 631.28(†21.3)
1511.1 *6*	0.27 *10*	^{121}Cs(155 s)	153.9(15.2), 239.6(7.7), 427.1(3.63)
1511.1 *6*	0.21 *8*	^{121}Cs(122 s)	179.4(30.2), 196.0(24.1), 459.7(12.0)
1511.1	†2.9	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1511.10 *10*	25.2 *6*	^{204}Au(39.8 s)	436.551(91), 691.80(24.0), 723.00(22.2)
1511.12 *88*	0.06 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1511.2 *10*	0.124 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1511.2 *3*	0.052 *12*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1511.3 *2*	3 *1*	^{151}Tm(4.13 s)	801.6(73), 2115.8(13), 1548.6(10)
1511.3 *6*	0.12 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1511.4 *3*	0.44 *11*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1511.41 *4*	0.31 *5*	^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
• 1511.49 *7*	0.042 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1511.5 *4*	0.280 *13*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1511.5 *3*	0.164 *25*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1511.55 *16*	0.0198 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1511.62 *10*	1.45 *7*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1511.68 *2*	4.82 *5*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1511.7 *1*	0.69 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1511.7 *8*	†0.7 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1511.7 *10*	0.80 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1511.7 *4*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1511.71 *19*	1.87 *14*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1511.73 *7*	1.77 *17*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1511.75 *16*	†7.1 *14*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1511.8 *4*	0.054 *13*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1511.8 *5*	0.081 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1511.89 *8*	0.39 *3*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1511.9 *10*	0.33 *7*	^{65}Ge(30.9 s)	649.7(33), 62.0(27), 809.1(21.5)
1511.9 *2*	0.07 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1511.9 *3*	0.040 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1511.9 *2*		^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1511.9 *2*	0.0131 *21*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1511.9 *3*	0.26 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1511.97 *10*	0.024 *3*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1511.97 *10*	0.048 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1512.0	0.035	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1512.0 *2*	0.0132 *18*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1512.0 *2*	0.066 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1512.09 *3*	4.24 *25*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1512.09 *3*	4.7 *3*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1512.1 *5*	0.29 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1512.1 *3*	1.23 *20*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1512.1 *2*	0.44 *4*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 822.6(0.068)
1512.1 *2*	0.13 *6*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1512.1 *2*	0.0092 *8*	^{141}La(3.92 h)	1354.52(1.64), 1693.3(0.074), 2267.0(0.0413)
1512.1 *2*	0.079 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1512.16 *7*	1.24	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1512.4 *3*	0.025 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
• 1512.50 *10*	0.237 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1512.5 *4*	0.00017	^{173}Hf(23.6 h)	123.672(83), 296.974(33.9), 139.634(12.7)
1512.6 *7*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1512.7 *5*	0.26 *5*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1512.7 *3*	0.29 *4*	^{212}Bi(60.55 m)	727.330(6.58), 1620.50(1.49), 785.37(1.102)
1512.8 *2*	1.7 *3*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1512.8 *2*	1.4 *3*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1512.8 *2*	0.0051 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1512.8 *6*	0.25 *8*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1512.87 *4*	0.67 *8*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1512.9 *1*	1.01 *13*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1512.9		^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
• 1512.98 *5*	0.070 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1513.01 *4*	0.0523 *19*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1513.1 *2*	0.91 *10*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1513.2 *20*	0.017 *5*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1513.32 *19*	2.1 *4*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1513.4 *2*	0.35 *2*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1513.4 *10*	0.46 *5*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1513.5 *4*	0.027 *6*	^{101}Pd(8.47 h)	296.29(19), 590.44(12.06), 269.67(6.43)
1513.5 *5*	2.0 *4*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1513.6 *1*	0.0309 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1513.6 *5*	0.16 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1513.69 *6*	0.127 *4*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1513.69 *6*	0.00461 *19*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1513.7 *2*	2.11 *18*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1513.8 *5*	0.18 *4*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1513.9 *4*	0.0086 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1514.0 *15*	0.030 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1514.10 *22*	0.186 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1514.1 *5*	0.035	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1514.25 *9*	0.139 *9*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1514.3 *4*	0.063 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1514.37 *18*	0.0142 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1514.4 *8*	0.030 *5*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1514.4 *5*	1.6 *4*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1514.5 *10*	0.0013 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1514.5 *2*	0.0023 *9*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1514.5 *5*	†7 *1*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1514.6 *4*	0.72 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
• 1514.60 *20*	0.547 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1514.79 *25*	0.34 *8*	^{128}In(0.84 s)	1168.80(40), 935.20(6.5), 1089.53(6.0)
1514.8 *3*	0.026 *3*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1514.8 *5*	1.98 *20*	^{97}Sr(426 ms)	1905.0(25), 953.8(21.4), 652.2(11.4)
1514.9 *15*	0.147 *16*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1514.909 *14*	0.113 *11*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1514.909 *14*	4.0 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1514.93 *20*	†1.00 *8*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1514.98 *7*	1.39 *6*	^{143}Sm(8.83 m)	1056.58(4), 1173.18(0.88), 1403.06(0.74)
1515.00 *30*	0.207 *20*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1515.0 *6*	0.128 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1515.0 *2*	1.94 *21*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1515 *1*	0.08	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1515.0 *4*	0.21 *3*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1515.1 *8*	0.20 *7*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1515.1 *7*	1.5 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1515.2 *10*	0.18 *4*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1515.3 *7*	0.58 *11*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1515.3 *3*	0.68 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
1515.3	0.035 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1515.4 *4*	8.6 *9*	^{180}Lu(5.7 m)	407.94(43.0), 1199.7(24.3), 1106.00(22.7)
1515.5 *2*	0.075 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1515.5 *2*	0.79 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1515.5 *3*	0.11 *6*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1515.59 *12*	0.122 *13*	^{97}Nb(72.1 m)	658.08(98), 1024.49(1.09), 1268.68(0.148)
1515.6 *2*	0.072 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1515.7 *3*	0.26 *5*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1515.7	>0.010	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1515.8 *3*	0.114 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
1515.8 *3*	0.094 *17*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1515.8 *2*	0.40 *6*	^{121}Cd(8.3 s)	2059.41(21.0), 1020.89(18.9), 987.81(13.6)
1515.8 *3*	0.31 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1515.8 *16*	0.20 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1515.9 *5*	†28 *3*	^{111}Ru(2.12 s)	303.8(†100), 211.7(†77.7), 382.0(†41.3)
1515.9 *5*	0.26 *3*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1515.9 *3*	0.115 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1515.9 *1*	0.015 *5*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1515.92 *5*	0.72 *11*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1516.0	0.44	^{145}Ba(4.31 s)	96.6(17), 91.9(7), 65.9(5)
1516.0 *7*		^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
1516.1 *7*	0.36 *9*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1516.22 *4*	0.047 *9*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1516.22 *7*	0.00121 *9*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1516.26 *8*	1.27 *17*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1516.3 *5*	0.100 *15*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1516.3 *6*	0.43 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1516.3 *6*	1.2 *4*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1516.34 *20*	0.0017 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1516.37 *15*	0.29 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1516.4 *3*	0.044 *11*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1516.4 *5*	0.065 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1516.4 *7*	0.91 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1516.49 *8*	1.04 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1516.5 *5*	0.32 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1516.5		^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1516.56 *10*	7.4 *4*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1516.6 *3*	0.030 *9*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1516.6 *3*	0.063 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1516.61 *28*	0.038 *15*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1516.7 *2*	4.1 *14*	^{103}Zr(1.3 s)	248(100), 164.05(94), 126.30(84)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1516.8 *5*	1.16 *20*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
1516.8 *5*	0.080 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1516.8 *10*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1516.86 *14*	0.204 *14*	^{28}P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
1517.0 *5*	0.27 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
• 1517.0 *2*	0.663 *21*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1517.0 *2*	0.0086 *16*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1517 *1*	0.14 *3*	^{169}Ho(4.7 m)	788.4(21.2), 853.0(11.2), 760.8(10)
1517.1 *5*	0.0103 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1517.1 *5*	0.0046 *11*	^{162}Ho(15.0 m)	80.660(8.0), 1319.3(3.8), 1372.8(0.81)
1517.12 *10*	0.46 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1517.2 *3*	1.29 *10*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1517.2 *4*	>0.0019	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1517.3	2.6	^{147}Ba(0.893 s)	167.4(11), 105.2(4.8), 196.1(4.8)
1517.3 *5*	1.45 *8*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
• 1517.31 *4*	0.55 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1517.4 *2*	0.74 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1517.44 *11*	0.025 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1517.46 *12*	0.37 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1517.5 *2*	0.062 *9*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1517.50 *25*	0.42 *8*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1517.508	39.2 *9*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1091.058(2.42)
1517.53 *23*	0.128 *12*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1517.57 *18*	0.281 *17*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1517.6 *3*	0.0162 *23*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1517.6 *3*	1.92 *10*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1517.6 *4*	0.09 *5*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1517.6 *1*	1.25 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1517.8 *5*	0.09 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1517.8 *4*	0.220 *23*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1517.8 *2*	†16.8 *12*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1517.8 *5*	0.049 *12*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1517.8 *5*	0.94 *12*	^{161}Yb(4.2 m)	78.20(34), 599.88(25.9), 631.45(13.9)
1517.8 *1*	1.25 *7*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1518.0 *5*	0.18 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1518.0 *5*	0.16 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1518.0 *5*	0.82 *9*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1518 *1*	0.42 *4*	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1518 *1*	>5.0×10^{-5}	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1518.0 *4*	1.9 *4*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1518.04 *21*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1518.12 *23*	0.157 *25*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1518.2 *3*	0.046 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1518.2 *4*	†5.7 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
1518.39 *3*	2.15 *6*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1518.5 *1*	0.0177 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1518.5 *2*	2.30 *7*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
• 1518.5 *2*	0.072 *12*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1518.6 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1518.6 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
• 1518.68 *6*	0.046 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1518.7 *2*	†0.55 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1518.74 *12*	0.00166 *24*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
1518.79 *10*	0.177 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1518.8 *5*	0.0019 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1518.8 *7*	0.066 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1518.8 *4*	0.22 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1518.8 *9*	0.0049 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1518.85 *30*	0.0582 *22*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1518.9 *3*	†0.86 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1519.00 *20*	0.107 *25*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1519.09 *17*	0.18 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1519.1 *5*	0.36 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1519.1 *3*	0.034 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1519.16 *21*	†2.3 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1519.2 *1*	0.0075 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1519.30 *2*	62.0 *6*	^{50}Ca(13.9 s)	256.894(98), 71.552(52), 1590.85(37.8)
1519.32 *24*	1.59 *25*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1519.36 *20*	1.00 *10*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1519.4 *5*	0.032 *6*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1519.45 *13*	16.4 *13*	^{194}Pb(12.0 m)	581.82(18.8), 203.82(16.2), 367.80(8.1)
1519.48 *10*	1.08 *16*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1519.5 *3*	0.0057 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1519.5 *3*	0.80 *10*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1519.53 *12*	0.27 *5*	^{150}Pm(2.68 h)	333.971(68), 1324.51(17.5), 1165.739(15.8)
1519.6 *2*	0.079 *5*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1519.7 *3*	0.035 *7*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1519.8 *5*	2.24 *17*	^{97}Pd(3.10 m)	265.26(56), 475.2(26.7), 792.70(13.8)
1519.9 *5*	0.23 *4*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1520 *2*	1.4 *4*	^{70}Cu(47 s)	884.9(100), 901.7(87), 1251.7(57)
1520 *2*	0.037 *17*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1520.0 *2*	0.65 *7*	^{159}Eu(18.1 m)	67.8(19), 78.6(9.1), 95.7(7.0)
1520.05 *17*	0.133 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1520.1 *5*	0.31 *7*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1520.1 *9*	0.06 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1520.16 *22*	0.25	^{186}Ta(10.5 m)	197.93(50), 214.87(42.3), 510.82(37.5)
1520.17 *8*	0.71 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1520.20 *20*	1.13 *6*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1520.37 *9*	24.4 *8*	^{93}Tc(2.75 h)	1363.02(66), 1477.13(8.7), 1539.01(0.76)
1520.4 *5*	0.24 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1520.4 *5*	†1.2 *3*	^{142}Xe(1.22 s)	571.83(†100), 657.05(†79), 538.24(†77)
1520.5 *4*	0.73 *6*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1520.5 *4*	0.075 *14*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
• 1520.58 *13*	0.00042 *5*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1520.6 *2*	0.034 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1520.69 *19*	0.57 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1520.7 *4*	0.05 *3*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1520.7 *2*	0.009	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1520.8 *4*	0.45 *10*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1520.92 *23*	0.78 *7*	^{164}Lu(3.14 m)	123.3(34.0), 740.52(12.2), 262.22(10.8)
1521.00 *12*	0.09 *3*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1521.03 *10*	0.57 *4*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1521.1 *8*	0.8 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1521.1 *4*	0.083 *24*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
• 1521.172 *21*	0.095 *10*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1521.2 *2*	3.7 *3*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1521.2 *2*	†2.2 *3*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1521.3 *7*	0.99 *10*	^{176}Tm(1.9 m)	189.57(44.5), 1069.3(34), 381.8(21.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1521.32 *15*	0.65 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
• 1521.39 *3*	0.199 *12*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1521.4 *10*	0.38 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1521.52 *18*	0.34 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1521.66 *5*	0.17 *3*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1521.7 *3*	0.068 *22*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1521.7 *3*	0.036 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1521.8 *2*	0.035 *7*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1521.8 *7*	0.16 *5*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
• 1521.85 *3*	0.153 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1521.9 *2*	†81	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
• 1521.98 *2*	0.013 *4*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1521.99 *13*	0.038 *17*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1522.0 *3*	0.028 *7*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1522.0 *6*	†0.30 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1522.0 *7*	0.074 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
• 1522 *1*	0.0006 *3*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1522.1 *4*	0.027 *6*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1522.11 *20*	4.5 *3*	^{94}Tc(52.0 m)	871.082(94), 1868.68(5.7), 2740.1(3.5)
1522.12 *7*		^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1522.2 *3*	0.22 *3*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1522.51 *9*	0.031 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1522.6 *6*	0.050 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1522.7 *6*	0.013 *3*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1522.7 *3*	0.39 *5*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1522.7 *4*	2.7 *7*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
• 1522.7 *2*	0.88 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1522.76 *12*	0.9	^{28}P(270.3 ms)	1778.969(97.5), 4496.78(11.0), 7535.80(8.5)
1522.8	0.33 *16*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1522.8	0.22 *10*	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1522.8 *7*	0.15 *4*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1522.8 *4*	0.69 *18*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1522.85 *4*	0.104 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1522.90 *30*	0.019 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1522.90 *17*	†1.8 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1523.0 *5*	3.4 *8*	^{98}Cd(9.2 s)	347.18(78), 1176.1(66.3), 107.28(43.7)
1523.0 *3*	0.290 *24*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1523.0 *4*	†21.1 *14*	^{120}I(81.0 m)	560.44(†137), 640.85(†17.1), 601.11(†10.8)
1523.0 *5*	0.28 *5*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1523 *2*	0.016	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1523.1 *1*	†94 *12*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1523.1 *1*	0.0110 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1523.1 *3*	0.075 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1523.3 *4*	0.005 *4*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1523.3 *5*	5.2 *5*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1523.3 *7*	1.32 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1523.37 *25*	0.184 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1523.4 *10*	1.1 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1523.4 *5*	†0.55 *22*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1523.4 *4*	†8.0 *19*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1523.5 *7*	3.48 *15*	^{144}La(40.8 s)	397.440(94.3), 541.20(39.2), 844.8(22.3)
1523.6 *3*	8.6 *21*	^{100}Ag(2.24 m)	665.54(86), 750.67(>26), 1693.9(14.7)
1523.6 *5*	2.0 *2*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1523.6	1.3	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1523.68 *20*	0.27 *4*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1523.7 *1*	15.6 *8*	^{146}Pr(24.15 m)	453.88(48.0), 735.72(7.5), 788.6(6.3)
1523.7 *3*	0.166 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1523.85 *23*	0.077 *7*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1524.0 *5*	0.26 *4*	^{118}I(13.7 m)	605.71(86.0), 545.12(10.9), 600.71(10.2)
1524.0 *5*	†0.10 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1524.10 *15*	0.16 *4*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1524.13 *6*	0.96 *8*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1524.3 *8*	0.040 *17*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1524.3 *7*	0.040 *17*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1524.5 *5*	2.4 *3*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
1524.5 *3*	0.099 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1524.5 *4*	0.06 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
1524.6 *4*	0.32 *6*	^{74}Br(25.4 m)	634.78(64), 219.05(18.1), 634.26(14.1)
1524.6 *7*	0.47 *5*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1524.6 *3*	0.08 *3*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1524.70	18	^{42}K(12.360 h)	312.6(0.336), 899.43(0.0515), 1922.18(0.041)
1524.70	0.0074 *11*	^{42}Sc(681.3 ms)	312.6(0.0074)
1524.70	99.70 *12*	^{42}Sc(61.7 s)	436.92(100), 1227.66(99.0), 328.24(1.0)
1524.7	†3.4	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1524.7 *10*	0.51 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
• 1524.77 *5*	0.51 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1524.9 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1524.9 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1524.9 *5*	0.51 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1525.0 *5*	0.16 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1525.0 *10*	0.68 *17*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1525.1 *2*	0.142 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1525.1 *3*	1.49 *5*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1525.13 *4*	0.076 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1525.2 *5*	0.07 *2*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1525.2	0.071 *14*	^{146}Ba(2.22 s)	140.7(20.2), 251.2(19.6), 121.2(14.2)
1525.2 *3*	0.061 *13*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1525.2 *3*	0.35 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1525.2 *4*	1.23 *13*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1525.28 *18*	1.15 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1525.31 *25*	†6.3 *14*	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1525.4 *9*	0.06 *4*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1525.50 *14*	†13.6 *12*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1434.87(†11.8)
1525.7 *1*	3.9 *6*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
1525.7 *1*	6.5 *5*	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1525.7 *9*	0.051 *14*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1525.7 *3*	0.0021 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1525.8 *3*	0.083 *19*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1525.8 *10*	1.8 *9*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)
1525.8 *1*	0.40 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1525.82 *13*	0.85 *7*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
• 1525.83 *7*	0.266 *22*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1525.84 *22*	0.088 *14*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1525.89 *20*	0.214 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1525.9 *6*	0.0057 *13*	^{62}Zn(9.186 h)	596.56(26), 40.84(25.5), 548.35(15.3)
1525.9 *10*	0.43 *13*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1525.9 *7*	0.13 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1525.97 *4*	0.75 *4*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1526.0 *8*	†0.30 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1526.0 *5*	†0.06 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1526.0 *5*	0.6 *1*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1526.05 *15*	0.22 *3*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1526.1 *8*	<0.06	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1526.10 *30*	0.210 *20*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
• 1526.177 *47*	0.40 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1526.4 *6*	†10.9 *11*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1526.45 *7*	†0.90 *4*	^{148}Tb(60 m)	784.430(†119.0), 489.049(†28.0), 1079.025(†16.2)
1526.56 *6*	2.47 *8*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1526.58 *5*	0.00079 *5*	^{104}Rh(4.34 m)	555.796(0.13), 767.72(0.0065), 1237.2(0.0042)
1526.58 *5*	7.1 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1526.6 *5*	0.113 *21*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1526.6 *2*	1.72 *20*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1526.8 *8*	0.09 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1526.9 *3*	0.17 *6*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1527.0 *3*	0.052 *13*	^{95}Y(10.3 m)	954.00(16), 2175.6(7.00), 3576.0(6.4)
1527.0 *1*		^{171}Ta(23.3 m)	49.6(†100), 506.4(†54), 501.8(†22.6)
1527.05 *4*	0.00157 *21*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1527.1	†4	^{238}Pa(2.3 m)	1015.3(†<100), 1014.6(†<100), 635.18(†88)
1527.2 *10*	0.033 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1527.2 *4*		^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1527.2 *4*	0.20 *4*	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1527.21 *4*	†2390 *90*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1527.21 *4*	11.2 *5*	^{234}Np(4.4 d)	1558.31(18.72), 1601.80(9.1), 1435.36(6.38)
1527.30 *21*	0.74 *3*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1527.3 *3*	0.55 *8*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1527.4 *3*	0.153 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1527.5 *5*	0.040 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1527.6 *4*	0.170 *17*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1527.6 *9*	0.016 *10*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1527.65 *19*	17.5 *15*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1527.65 *19*	16.3 *13*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1527.7 *2*	0.026 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1527.73 *2*	0.057 *3*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1527.84 *22*	0.29 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1528.0 *10*	0.032 *8*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1528.1 *6*	0.28 *5*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1528.1 *10*	0.020 *4*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1528.1 *5*	†4.6 *19*	^{152}Pr(3.24 s)	164.2(†100), 284.9(†81.0), 72.40(†38.9)
1528.1 *8*	0.24 *8*	^{190}Au(42.8 m)	295.78(71.0), 301.82(23.4), 597.67(9.4)
1528.115 *19*	0.042 *17*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
• 1528.115 *19*	0.265 *6*	^{152}Eu(13.542 y)	121.7824(28.4), 1408.011(20.87), 964.131(14.34)
1528.20 *5*	0.0464 *11*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1528.2 *3*	2.6 *4*	^{123}Ag(0.309 s)	263.87(35.9), 409.79(13.2), 591.30(8.2)
1528.29 *14*	0.91 *6*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1528.3 *1*	0.037	^{55}Cr(3.497 m)	2252.4(0.0031), 125.95(0.00174), 1402.4(0.00133)
1528.3 *8*	0.52 *25*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1528.3 *3*	†0.72 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
• 1528.32 *15*	0.092 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)
1528.37 *15*	0.66 *4*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
• 1528.38 *4*	0.0002	^{166}Ho(26.83 h)	80.574(6.71), 1379.40(0.93), 1581.89(0.187)
1528.38 *4*	0.039 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1528.5 *3*	0.96 *12*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1528.52 *11*	0.062 *12*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1528.54 *7*	0.00265 *25*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1528.6 *3*	0.29 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1528.62 *10*	0.0038 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1528.7 *5*	†0.9 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1528.8 *3*	0.56 *7*	^{73}Br(3.4 m)	64.9(37.0), 336.0(10.4), 699.8(9.1)
1528.8 *3*	†29 *2*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1528.8 *4*	†0.67 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1528.8 *4*	0.181 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1528.82 *22*	†0.25 *8*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1528.9 *3*	0.145 *22*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1529 *2*	0.3 *3*	^{168}Lu(6.7 m)	198.82(28), 979.22(20), 896.12(15)
• 1529.00 *30*	0.072 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1529.00 *7*	0.222 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1529.05 *10*	0.059 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1529.09 *6*	0.132 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1529.13 *11*	0.69 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1529.29 *17*	0.57 *6*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1529.3 *3*	0.030 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1529.3 *4*	0.40 *11*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1529.328 *18*	0.078 *5*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1529.37 *25*	0.67 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1529.60 *17*	2.48 *16*	^{78}As(90.7 m)	613.725(54), 694.916(16.7), 1308.59(13.0)
1529.6 *3*	0.22 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1529.67 *17*	0.040 *4*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
1529.68 *16*	0.16 *4*	^{174}Tm(5.4 m)	366.526(92), 992.128(87), 272.918(86)
1529.7 *15*	0.85 *25*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
1529.7 *15*		^{68}Cu(31.1 s)	1077.35(64), 1260.97(12.5), 1883.09(2.4)
1529.7 *1*	7.3 *4*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
• 1529.72 *4*	5.1 *3*	^{172}Tm(63.6 h)	78.7435(6.5), 1093.657(6.0), 1387.093(5.6)
• 1529.72 *4*	0.087 *8*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1529.73 *11*	11.1 *8*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1529.77 *3*	10.93 *17*	^{88}Kr(2.84 h)	2392.11(34.6), 196.301(25.98), 2195.842(13.18)
1529.79 *17*	0.27 *4*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1529.8	†4.1 *8*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1529.8 *10*	0.125 *19*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1529.81 *12*	1.77 *5*	^{78}Rb(5.74 m)	454.97(81), 664.44(38.3), 1109.72(13.12)
• 1529.87 *4*	0.449 *14*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1529.9 *6*	0.007 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1529.9 *7*	0.47 *4*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1530.0 *8*	0.07 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1530.04 *15*	3.34 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1530.10 *15*	0.00055 *16*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1530.10 *15*	0.23 *3*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1530.2 *5*	0.27 *7*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1530.2 *3*	1.3	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1530.2 *3*	0.83 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1530.2 *2*	0.125 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1530.28 *9*	0.050 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1530.3 *5*	0.27 *4*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1530.50 *20*	0.039 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1530.67 *1*	0.116 *2*	^{52}V(3.75 m)	1434.068(100), 1333.649(0.588), 935.538(0.061)
1530.67 *1*	†0.0478 *20*	^{52}Mn(21.1 m)	1434.068(†101.7), 1727.53(†0.224), 1333.649(†0.031)
• 1530.7 *5*		^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1530.7 *5*	0.056 *5*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1530.7	1.0	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1530.7 *5*	0.025 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1530.9 *1*	4.4 *5*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1531.01 *25*	0.165 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1531.1 *7*	0.064 *19*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1531.10 *17*	0.084 *9*	^{165}Yb(9.9 m)	80.11(49), 68.86(9.1), 1090.28(4.4)
1531.2 *4*	0.36 *6*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1531.2 *3*	0.40 *8*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1531.2 *10*	0.045 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1531.2 *3*	0.025 *7*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1531.2	†100	^{152}Lu(0.7 s)	358.7(†89), 312.3(†87)
1531.23 *10*	0.52 *3*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1531.3 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1531.30 *20*	0.179 *7*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1531.3 *8*	0.196 *15*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1531.4	3.0	^{149}Ho(58 s)	1034.6(99.7), 1736.4(28.0), 372.1(25.3)
• 1531.4 *3*	0.0060 *4*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1531.4 *5*	0.05 *1*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1531.5 *4*	0.29 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1531.58 *7*	0.0209 *21*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1531.6 *6*	0.015 *7*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1531.6 *5*	0.015 *7*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1531.63 *20*	0.32 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1531.7 *3*	†1.5 *3*	^{201}Po(15.3 m)	890.1(†100), 240.1(†71.0), 904.2(†54.8)
• 1531.80 *20*	0.46 *3*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1531.8 *3*	0.045 *23*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1531.90 *10*	4.6 *3*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1531.9 *5*	0.0059 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1531.90 *13*	0.073 *9*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1531.96 *9*	0.128 *8*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1532 *2*	0.22 *4*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1532.0 *10*	0.13 *6*	^{139}Nd(29.7 m)	405.12(7), 1074.2(2.5), 669.0(1.52)
1532.0 *5*	†0.12 *2*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1532.017 *90*	0.00042 *16*	^{145}Pr(5.984 h)	748.278(0.5250), 675.795(0.514), 72.500(0.261)
1532.1 *3*	0.19 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1532.14 *7*	0.342 *20*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1532.2 *10*	0.020 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1532.2 *10*	0.13 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1532.2 *3*	0.39 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1532.2 *4*	0.67 *10*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1532.2 *3*	4.2 *7*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1532.2 *15*	0.267 *22*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1532.3 *10*	†2.2 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1532.32 *12*	0.066 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1532.4 *3*	†5.4 *10*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1532.4 *10*	0.36 *7*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1532.44 *15*	1.00 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1532.50 *4*	6.0 *3*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1532.62 *7*	†4.0 *13*	^{168}Lu(5.5 m)	1483.65(†100), 228.58(†97), 111.8(†68)
1532.7 *5*	0.39 *12*	^{119}Ag(2.1 s)	626.4(13), 366.2(12.1), 399.1(10.9)
1532.7 *4*	0.99 *12*	^{186}Au(10.7 m)	191.56(62), 298.67(25.4), 764.89(10.5)
• 1532.8 *2*	0.0243 *14*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1532.8 *2*	0.06 *4*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1532.9 *7*	0.012 *8*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1533.0 *6*	†0.27 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1533.0 *4*	0.0066 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1533.0 *4*	†0.48 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1533 *1*	1.0 *3*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1533.1 *6*	0.49	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
• 1533.10 *20*	0.032 *3*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1533.1 *4*	0.0016 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1533.1 *2*	0.17 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1533.13 *8*	0.167 *17*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1533.19 *13*	0.22 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
• 1533.27 *12*	0.028 *3*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1533.3 *3*	0.047 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1533.3 *5*	0.31 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1533.43 *30*	0.57 *11*	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1533.5 *3*	0.025 *12*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1533.5 *7*	0.099 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
• 1533.6 *1*	0.00057 *25*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1533.6 *7*	0.021 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1533.6 *2*	0.024 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1533.62 *20*	0.222 *24*	^{89}Br(4.40 s)	1097.82(6.00), 997.93(4.26), 953.53(4.26)
1533.66 *4*	1.47 *9*	^{132}La(4.8 h)	464.55(76), 567.14(15.7), 1909.91(9.0)
1533.68 *15*	5.1 *3*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1533.7 *8*	0.9 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1533.7 *3*	0.63 *11*	^{157}Pm(10.56 s)	160.61(35), 188.052(13.5), 571.27(5.39)
1533.778 *22*	0.229 *8*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1533.8 *3*	0.141 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
• 1533.8 *2*	6.05 *15*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1533.80 *19*	0.0045 *11*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1533.87 *15*	0.00137 *10*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1533.9 *1*	†28 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1534.0	0.15	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1534.19 *5*	0.21 *5*	^{30}Al(3.60 s)	2235.24(65), 1263.23(40), 3498.37(32)
1534.19 *5*	0.000099 *17*	^{30}P(2.498 m)	2235.24(0.060), 1552.5(0.00339), 1263.23(0.00087)
1534.2 *2*	0.34 *7*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1534.2 *4*	0.14 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1534.3 *2*	0.57 *4*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1577.5(31.8)
1534.32 *7*	3.24	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
1534.40 *20*	2.50 *11*	^{91}Tc(3.3 m)	502.90(51.4), 927.60(3.79), 1328.40(2.55)
1534.4 *7*	†0.63 *22*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
• 1534.55 *10*	0.91 *3*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1534.6 *5*	0.016 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1534.62 *5*	0.0842 *13*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1534.66 *17*	0.43 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1534.7 *3*	0.371 *22*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1534.7 *6*	0.100 *21*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1534.70 *24*	9.3 *14*	^{86}Br(55.1 s)	1564.92(64), 2751.2(21.1), 1361.65(10.4)
1534.7 *5*	0.030 *8*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1534.71 *16*	2.3 *6*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1534.71 *16*	2.7 *8*	^{102}Ag(7.7 m)	556.52(48), 1834.7(9.8), 2054.4(6.6)
1534.71 *39*	0.122 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1534.8 *2*	†15 *2*	^{153}Yb(4.2 s)	547.4(†100), 674.1(†61), 369.6(†32)
1534.9 *5*	†3.8 *4*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1534.9 *3*	0.30 *3*	^{123}Xe(2.08 h)	148.9(49), 178.1(14.9), 330.2(8.6)
1534.9 *8*	0.10 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1535.0 *3*	4.9 *3*	^{57}Cr(21.1 s)	83.16(8.3), 850.2(8.2), 1752.1(5)
1535.0 *10*	0.063 *9*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1535.0 *7*	0.012	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1535.08 *5*	0.0630 *23*	^{122}I(3.63 m)	564.119(18), 692.794(1.325), 793.278(1.297)
1535.1 *1*	0.21 *3*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1535.2 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1535.3 *8*	0.10 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1535.5 *8*	0.27 *7*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1535.6 *5*	†1118 *59*	^{100}Rh(4.6 m)	539.59(†5900), 687.0(†3500), 1827.2(†1410)
1535.67 *13*	0.12 *3*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1535.7 *3*	0.0067 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
• 1535.84 *10*	0.091 *4*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1535.86 *23*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1535.9 *2*	1.8 *6*	^{129}Sn(2.23 m)	645.13(100), 80.5(6.6), 913.2(5.0)
1535.9 *2*	0.138 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1536.0 *7*		^{52}Co(18 ms)	849.5
1536.0 *8*	0.0046 *23*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1536.1 *5*	0.39 *6*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1536.12 *18*	0.119 *14*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1536.15 *20*	0.85 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1536.2 *4*	0.011 *8*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1536.2 *6*	0.012 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1536.2	0.026 *9*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1536.2 *6*	0.18 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1536.3 *7*	1.5 *8*	^{183}Lu(58 s)	1125.3(25.0), 1056.8(16.5), 168.1(7.5)
1536.4 *1*	1.29 *7*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1536.4 *4*	7.5 *4*	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1536.5 *8*	0.048 *14*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1536.5 *20*	0.13 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1536.57 *10*	0.41 *5*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1536.6 *8*	†3.1 *6*	^{160}Tm(9.4 m)	125.8(†100), 728.5(†37), 264.1(†27)
1536.6 *3*	2.3 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1536.6 *3*	0.066 *25*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1536.62 *11*	0.38	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1536.7 *4*	0.17 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1536.7 *1*	3.7 *6*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1536.8 *2*	3.29 *9*	^{143}Eu(2.63 m)	1107.3(8), 1912.7(2.13), 107.69(2.09)
1536.87 *13*	0.012 *3*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1536.9 *4*	0.008 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1536.91 *13*	0.423 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1536.95 *4*	0.056 *7*	^{59}Cu(81.5 s)	1301.46(14.78), 877.97(11.40), 339.411(7.97)
1536.98 *23*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1537.0 *10*	0.059 *25*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1537.0 *5*	0.19 *10*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1537.0 *4*	0.29 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1537.0 *8*	0.15 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1537 *2*	0.016	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1537.2 *4*	0.474 *24*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1537.3 *10*	0.00211 *16*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1537.32 *6*	0.562 *19*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1537.34 *24*	0.33 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1537.5 *5*	0.18 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1537.5 *4*	0.0031 *14*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1537.5 *6*	0.10 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1537.7 *5*	0.26 *5*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1537.7 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1537.7 *1*	0.49 *3*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1537.71 *6*	1.73 *9*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1537.8 *1*	14.7 *9*	^{48}K(6.8 s)	3832.2(78), 780.25(31.0), 675.05(16.8)
• 1537.82 *3*	0.0531 *18*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1537.85 *5*	9.67 *19*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1537.89 *10*	0.048 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1537.89 *10*	0.013 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
• 1537.90 *7*	†0.10 *2*	^{136}Cs(13.16 d)	818.514(†100), 1048.073(†80), 340.547(†42.3)
1537.9 *14*	0.04 *3*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
• 1537.9 *5*	0.024 *4*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1538 *2*	0.17 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1538.0 *5*	0.34 *9*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1538.0 *5*	0.19 *7*	^{181}Re(19.9 h)	365.57(56), 360.70(20), 639.30(6.4)
1538.08 *5*	2.55 *17*	^{89}Rb(15.15 m)	1031.94(58), 1248.19(42.6), 2196.02(13.3)
1538.1 *3*	1.98 *6*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1538.1 *2*	0.63	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1538.2 *7*	0.035 *10*	^{142}Eu(2.34 s)	768.1(10), 1658.1(1.75), 1754.1(1.49)
1538.2 *3*	0.26 *10*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1538.4 *5*	2.74 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1538.4 *2*	0.036 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1538.44 *8*	0.244 *15*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1538.44 *8*	2.09 *12*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1538.45 *5*	0.650 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1538.48 *15*	0.52 *4*	^{112}Ag(3.130 h)	617.27(43), 1387.67(5.4), 606.49(3.1)
1538.48 *15*	0.013 *6*	^{112}In(14.97 m)	617.27(4.6), 606.49(1.111), 1253.43(0.218)
1538.5 *6*	†0.42 *9*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1538.5 *5*	†1.3 *5*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1538.50 *6*	0.51 *6*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1538.52 *8*	0.0036 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1538.55 *15*	0.70 *12*	^{105}In(5.07 m)	131.37(41), 260.21(15.7), 604.11(9.2)
1538.69 *17*	0.0031 *5*	^{73}Se(39.8 m)	67.03(2.59), 253.70(2.356), 84.0(2.03)
1538.7 *4*	0.2	^{111}Sb(75 s)	154.48(71), 489.1(42), 1032.6(10.0)
1538.7 *5*	0.00024 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1538.71 *25*	0.101 *20*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1538.76 *5*	0.142 *3*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1538.8 *3*	0.27 *5*	^{61}Fe(5.98 m)	1205.07(44), 1027.42(42.7), 297.90(22.2)
1538.8 *2*	4.7 *5*	^{211}Rn(14.6 h)	674.1(45), 1362.9(32.5), 678.4(28.9)
1538.8 *2*	0.013 *3*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1538.9 *2*	0.085 *8*	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1538.90 *20*	0.58 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1538.9 *4*	0.49	^{135}Pr(24 m)	296.12(24), 82.64(13.7), 213.45(13.0)
1538.9 *2*	0.0014 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1539.0 *6*	0.035 *7*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1539.01 *10*	0.76 *4*	^{93}Tc(2.75 h)	1363.02(66), 1520.37(24.4), 1477.13(8.7)
1539.08 *22*	†1.7 *2*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1539.09 *14*	0.033 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1539.2 *3*	0.41 *3*	^{98}Rb(114 ms)	144.224(24.5), 1693.3(5.9), 2171.7(5.7)
1539.2 *3*	0.036 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1539.2	0.083 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1539.3 *7*	0.118 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1539.4 *10*	0.11 *6*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1539.4 *1*	0.0305 *12*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1539.4 *10*	†8.8 *20*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1539.5 *3*	0.082 *3*	^{69}As(15.2 m)	232.69(11), 145.95(4.96), 86.78(3.44)
1539.5 *7*	0.8 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1539.5 *7*	0.60 *23*	^{207}Rn(9.25 m)	344.53(46), 747.15(14.2), 402.68(11.9)
1539.6 *4*	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1539.6	0.9	^{199}Po(4.13 m)	1002.19(19), 1034.3(16), 362.01(7)
1539.62 *9*	0.839 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1539.7 *3*	4.33 *15*	^{94}Rh(70.6 s)	1430.50(100), 756.23(51), 1072.50(30.7)
1539.9 *3*	0.82 *22*	^{119}Cd(2.20 m)	1025.0(24.8), 2021.3(22.6), 720.7(17.9)
1540.0 *2*	0.0076 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1540.0 *15*	0.13 *4*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1540.0 *2*	0.0015 *5*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1540.0 *4*	0.004 *3*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1540.0 *2*	0.150 *25*	^{155}Ho(48 m)	240.19(12.5), 136.30(5.00), 45.38(5)
1540.0 *8*	0.15 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1540 *30*	2.0 *10*	^{210}Tl(1.30 m)	799.7(99), 298(79), 1316(21)
1540.04 *14*	0.00105 *10*	^{108}Ag(2.37 m)	433.937(0.50), 618.84(0.261), 1007.22(0.0139)
1540.1 *5*	6.0 *5*	^{72}Cu(6.6 s)	652.4(68), 1004.6(12.0), 1657.7(10.1)
1540.1 *7*	0.030 *10*	^{83}Y(7.08 m)	35.50(0.44), 882.1(6.30), 489.90(5.53)
1540.1 *7*	0.062 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1540.2	0.083 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1540.2 *7*	0.47 *10*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
• 1540.27 *1*	0.080 *8*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 1540.35 *30*	0.085 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1540.4 *7*	0.04 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
1540.40 *10*	1.43 *20*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1540.4 *5*	0.99 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1540.4 *20*	0.06 *3*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
1540.5 *7*	0.92 *9*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1540.6 *5*	†30	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1001.3(†29)
1540.6 *2*	0.0007 *5*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1540.63 *15*	0.040 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1540.8 *10*	0.15 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1540.8 *4*	0.55 *8*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1540.82 *11*	0.35	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1540.9 *2*	8.1 *12*	^{82}As(13.6 s)	654.6(72), 343.5(58), 1895.4(39)
1540.9 *5*	0.16 *14*	^{138}Pr(2.12 h)	1037.8(101), 788.742(100), 302.7(80)
1540.92 *5*	1.96 *4*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1541.1 *3*	0.20 *8*	^{105}Mo(35.6 s)	85.4(25.0), 76.50(19.3), 147.8(14.8)
1541.2	1.0 *2*	^{33}Ar(173.0 ms)	810.51(42.1), 2351.7(0.7)
1541.2 *6*	0.0163 *10*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
1541.2	0.4	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1541.2 *4*	0.41	^{154}Tb(22.7 h)	247.925(79), 346.643(69), 1419.81(46)
1541.21 *6*	0.0177 *13*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1541.28 *15*	0.278 *20*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1541.3 *1*	1.07 *9*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1541.46 *25*	0.009 *7*	^{168}Ho(2.99 m)	741.356(36.6), 821.164(34.5), 815.990(18.6)
• 1541.46 *25*	0.0022 *1*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1541.5 *15*	0.29 *11*	^{77}Rb(3.75 m)	66.52(57), 178.99(22.2), 393.37(9.7)
1541.51 *7*	0.51 *4*	^{134}I(52.6 m)	847.025(95.4), 884.090(64.9), 1072.547(15.0)
1541.68 *11*	0.214 *17*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1541.7 *6*	0.23 *3*	^{117}Cs(8.4 s)	204.8(15.0), 29.7(9.9), 205.6(6.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1541.73 *64*	0.009 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1541.8 *3*	0.0057 *11*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1541.9 *7*	0.006 *3*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1541.94 *12*	0.60 *4*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1542.0 *2*	0.85 *25*	^{68}Cu(3.75 m)	1339.96(12.0), 1077.35(12), 1041.3(9.6)
• 1542.0 *12*		^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1542.0 *2*	0.40 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1542.0 *5*	0.0010 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1542.16 *17*	0.39 *4*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1542.16 *12*	0.146 *21*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1542.20 *13*	1.33 *11*	^{90}Br(1.92 s)	707.05(38.0), 1362.32(11.2), 655.17(7.7)
1542.2 *3*	0.35 *3*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1542.2 *5*	0.26 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1542.204 *23*	0.0256 *22*	^{61}Cu(3.333 h)	282.956(12.2), 656.008(10.77), 67.412(4.23)
1542.3 *6*	0.0158 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1542.3 *6*	0.10 *3*	^{140}Cs(63.7 s)	602.345(71.1), 908.25(11.6), 1200.25(6.39)
1542.50 *39*	0.09 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
• 1542.5 *5*	0.22 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1542.7 *4*	0.08 *4*	^{127}Sn(2.10 h)	1114.3(39), 1095.6(20), 823.1(10.9)
1542.7 *3*	†1.7 *3*	^{131}Pr(1.53 m)	266.13(†100), 72.82(†64), 387.56(†38)
1542.7 *5*	0.89 *12*	^{154}Ho(11.76 m)	334.6(84), 412.4(15.0), 873.4(12.5)
1542.75 *15*	0.74 *4*	^{111}Sn(35.3 m)	1152.98(2.7), 1914.70(1.99), 761.97(1.48)
1542.8 *7*	0.117 *23*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
• 1542.850 *23*	1.019 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1542.9 *4*	0.0218 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1543.0 *5*	0.20 *4*	^{63}Fe(6.1 s)	994.8(14.0), 1427.2(4.6), 1299.0(1.23)
1543.0 *2*	†1.1 *2*	^{75}Ga(126 s)	253.0(†100), 574.8(†31.6), 885.6(†11.1)
1543.0 *4*	0.042 *17*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1543 *1*	†2.2 *4*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1543.0 *3*	0.039 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1543 *2*	0.016	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1543.05 *10*	0.81 *5*	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1543.1 *4*	0.0098 *20*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1543.14 *2*	0.030 *10*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1543.15 *11*	0.342 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1543.27 *30*	0.10	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1543.289 *27*	0.741 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1543.32 *6*	0.33 *4*	^{214}Bi(19.9 m)	609.312(44.8), 1764.494(15.36), 1120.287(14.80)
1543.39 *15*	†7.9 *6*	^{83}Ge(1.85 s)	306.51(†100.0), 1193.77(†20.5), 1525.50(†13.6)
1543.4 *6*	0.040 *15*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1543.4 *4*	0.0059 *17*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1543.4 *3*	0.071 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1543.41 *4*	0.02	^{183}Hf(1.067 h)	783.754(66), 73.174(38), 459.069(27)
1543.6 *6*	0.028 *6*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1543.7 *2*	0.026 *9*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1543.73 *15*	0.25	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1543.78 *9*	0.0105 *12*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1543.8	0.58 *7*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1543.9 *3*	0.186 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1543.95 *6*	0.44 *3*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1544.0 *7*	†1.7 *8*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1544.1 *2*	0.079 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1544.1 *5*	0.27 *8*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1544.2 *3*	0.9 *4*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1544.47 *15*	0.122 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1544.47 *15*	0.24 *3*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1544.5 *10*	0.036 *12*	^{124}Cs(30.8 s)	353.9(40), 914.8(4.0), 492.6(3.6)
1544.53 *15*	†1.67 *24*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1544.55 *3*	0.0161 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1544.6 *5*	0.030 *12*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1544.60 *10*	5.47 *23*	^{172}Ta(36.8 m)	214.02(46), 95.23(17.5), 1109.27(12.4)
1544.64 *30*	†0.68 *5*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1544.7 *1*	1.76 *12*	^{75}Zn(10.2 s)	228.67(28.9), 432.29(20.2), 155.94(17.2)
1544.7 *5*	0.46 *19*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1544.80 *14*	0.00115 *8*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1544.87 *10*	0.108 *12*	^{143}Sm(8.83 m)	1056.58(4), 1514.98(1.39), 1173.18(0.88)
1545.0 *2*	0.24 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
• 1545.0 *10*	0.012 *4*	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1545 *4*	0.13 *13*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1545.0 *3*	†6 *1*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1545.00 *10*	†2.32 *18*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1545.0 *5*	0.0022 *10*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1545.2	0.38 *5*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1545.2 *15*	0.10 *6*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1545.3 *5*	0.078 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1545.3 *5*	0.040 *8*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1545.4 *5*	0.76 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1545.7 *2*	0.018 *6*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1545.7 *3*	0.031 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1545.78 *23*	0.023 *4*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
1545.8 *5*	2.99 *14*	^{142}La(91.1 m)	641.285(47), 2397.8(13.3), 2542.7(10.00)
1545.9 *1*	0.067 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1545.9	0.90	^{149}Ho(21.1 s)	1090.7(74.8), 1073.2(6.37), 1583.6(4.48)
1545.9 *3*	0.0113 *14*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1545.9 *3*	0.54 *4*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1545.97 *91*	0.05 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1546.0 *4*	0.43 *9*	^{76}Ga(32.6 s)	562.93(66), 545.51(26.0), 1108.41(15.8)
1546.0 *2*	0.38 *8*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1546.0 *6*	†2.7 *4*	^{182}Ir(15 m)	273.23(†100), 126.79(†77), 236.3(†21.0)
1546.0 *3*	0.27 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1546.0 *2*	0.49 *16*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1546.03 *4*	3.93 *8*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1546.1 *4*	0.26 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1546.2 *8*	0.10 *5*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1546.2 *5*	0.17	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1546.3 *5*	0.126 *12*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1546.4 *2*	†8	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1546.47 *20*	0.18 *3*	^{151}Dy(17.9 m)	386.10(19.4), 49.46(18.0), 546.31(14.3)
1546.5 *10*	†1.6 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1546.6 *4*	0.12 *3*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1546.63 *13*	0.035 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1547.0 *7*	0.072 *18*	^{58}Cu(3.204 s)	1454.45(16.0), 1448.2(11.5), 40.3(4.8)
1547	0.010	^{148}Dy(3.1 m)	620.24(96), 1247.2(1.4), 178.3(0.5)
1547.04 *6*	0.122 *5*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1547.1 *2*	0.172 *13*	^{103}Ag(65.7 m)	118.72(31.2), 148.193(28.3), 266.86(13.3)
1547.1 *7*	0.100 *16*	^{136}Pr(13.1 m)	552.16(76), 539.75(52), 1092.3(18.5)
1547.1	0.032 *9*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
• 1547.14 *10*	0.088 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1547.2 *5*	0.06 *3*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
• 1547.30 *8*	0.054 *4*	^{145}Eu(5.93 d)	893.73(66), 653.512(15.0), 1658.53(14.9)
1547.3 *3*	†0.055 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1547.32 *19*	0.084 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1547.39 *19*	0.29 *4*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1547.4 *6*	0.0098 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1547.45 *12*	0.0346 *11*	^{73}Se(7.15 h)	360.80(108), 67.03(78), 865.09(0.584)
1547.5 *10*	†1.71 *18*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1547.5 *5*	0.00024 *6*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1547.6 *3*	0.30 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1547.6 *7*	0.29 *6*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1547.65 *25*	0.37 *5*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
• 1547.69 *18*	0.054 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1547.75 *23*	0.018 *4*	^{130}I(12.36 h)	536.09(99), 668.54(96), 739.48(82)
• 1547.75 *9*	0.091 *10*	^{131}Te(30 h)	773.67(49.9), 852.21(27.0), 793.75(18.10)
1547.78 *15*	0.284 *23*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1547.8 *5*	0.045 *11*	^{90}Rb(158 s)	831.69(28), 1060.70(6.69), 4365.90(5.6)
1547.9 *8*	3.5 *9*	^{32}Cl(298 ms)	2230.2(71.6), 4771.8(20.5), 2464.9(4.1)
1547.9 *8*	†1.5 *3*	^{33}Ar(173.0 ms)	2230.2(†54)
1547.9 *5*	0.048 *24*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1547.9 *3*	0.025 *12*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1548.0 *5*	0.0009 *5*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1548	0.13 *4*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1548.0	0.21 *6*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1548.1 *9*	0.007 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1548.20 *20*	1.13 *9*	^{88}Nb(7.8 m)	1057.01(89.3), 1082.53(53.9), 399.41(45.7)
1548.2 *8*	>0.07	^{154}Tb(21.5 h)	123.071(26), 1274.436(10.5), 2187.10(9.9)
1548.21 *8*	1.16 *7*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1548.4 *4*	0.008 *8*	^{66}Ge(2.26 h)	43.89(28.7), 381.85(28), 272.97(10.4)
1548.4 *3*	0.109 *22*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1548.43 *12*	0.62 *5*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1548.5 *5*	0.87 *5*	^{45}Ar(21.48 s)	1020.04(34.0), 3703.2(33.3), 61.35(25.0)
1548.51 *3*	4.86 *19*	^{81}Ga(1.221 s)	216.47(37.4), 828.26(22.1), 711.18(17.6)
• 1548.51 *16*	0.00045 *8*	^{147}Eu(24.1 d)	197.299(27), 121.220(22.9), 677.516(9.8)
1548.6 *2*	10 *1*	^{151}Tm(4.13 s)	801.6(73), 2115.8(13), 1140.2(10)
1548.6 *2*	1.5	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1548.64 *4*	0.039 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1548.64 *4*	0.022 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1548.68 *24*	0.150 *13*	^{101}Mo(14.61 m)	191.92(19), 590.91(16.4), 1012.47(12.8)
1548.7 *3*	0.64 *6*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1548.73 *16*	0.0054 *10*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1548.8 *6*	0.100 *6*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1548.81 *7*	0.088 *5*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
• 1548.84 *4*	0.280 *16*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1548.89 *18*	0.84 *11*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1548.9 *4*	0.076 *19*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1548.9 *3*	0.059 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1549 *1*	0.0050 *25*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1549 *1*	1.9 *5*	^{191}Hg(50.8 m)	252.5(57), 420.1(18.6), 578.6(17.6)
1549.1 *2*	6.4	^{151}Er(23.5 s)	638.3(36), 667.2(17), 256.4(15.9)
1549.1 *3*	†2.2 *8*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1549.2 *3*	0.085 *17*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1549.2 *3*	0.28 *5*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1549.25 *10*	0.0016 *9*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1549.3 *8*	0.053 *17*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1549.4 *5*	0.92 *22*	^{119}Cd(2.69 m)	292.9(36.8), 343.0(16.9), 1609.7(10.9)
1549.4 *2*	1.31 *5*	^{194}Pb(12.0 m)	581.82(18.8), 1519.45(16.4), 203.82(16.2)
1549.5 *4*	0.0012 *6*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1549.6	0.8	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1549.60 *14*	1.29 *9*	^{83}As(13.4 s)	734.60(43), 1113.10(14.7), 2076.70(11.9)
1549.63 *6*	0.270 *12*	^{118}In(4.45 m)	1229.68(96), 1050.69(81.0), 683.08(54.3)
1549.7 *1*	0.0236 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1549.7 *4*	1.4 *3*	^{128}La(5.0 m)	284.00(87), 479.24(54), 643.65(14.7)
1549.7 *2*	4.6 *3*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1549.7 *9*	0.009 *6*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1549.75 *5*	0.296 *15*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1549.8 *2*		^{82}As(19.1 s)	654.6(15), 1731.3(4.1), 755.2(1.81)
1549.9 *4*	0.0665 *19*	^{47}V(32.6 m)	1793.9(0.19), 159.369(0.107), 244.4(0.094)
1549.9 *4*	0.083 *11*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1549.9 *3*	0.43 *7*	^{95}Rh(5.02 m)	941.6(72), 1352.0(20.8), 677.6(5.80)
• 1549.92	0.112 *11*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1550 *1*	0.12 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1550.0 *10*	†1.84×10^3 *15*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1550.0 *2*	0.052 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1550.1 *1*	0.072 *10*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1550.2	0.391 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1550.23 *8*	0.389 *25*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1550.3 *7*	2.2 *7*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1550.3 *6*	0.40	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1550.3	1.7	^{194}Tl(32.8 m)	636.5(99), 428.0(99), 748.9(76)
1550.5 *3*	0.68 *9*	^{100}Nb(1.5 s)	535.60(45.7), 528.24(9.1), 159.547(8.8)
1550.5 *2*		^{106}In(6.2 m)	632.66(100), 861.16(92), 997.87(48)
1550.5 *2*		^{106}In(5.2 m)	632.66(92), 1714.90(17.1), 861.16(10.6)
1550.5 *10*	0.14 *3*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1550.50 *10*	1.60 *14*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1550.5 *4*	0.0047 *7*	^{201}Pb(9.33 h)	331.19(79), 361.27(9.9), 945.96(7.4)
1550.5 *5*	0.8	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1550.55 *10*	0.448 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1550.64 *26*	0.41	^{116}Sb(15.8 m)	1293.54(85), 931.800(24.7), 2225.33(14.2)
1550.66 *25*	†0.94 *7*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1550.7 *3*	0.39 *13*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1550.7 *3*	0.0100 *17*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1550.7 *7*	0.32 *3*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1550.8 *5*	0.090 *5*	^{143}Ba(14.33 s)	211.475(25), 798.79(15.6), 980.45(11.55)
1550.8	†36	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1550.8 *4*	0.14 *8*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1550.82 *17*	0.46 *8*	^{122}In(10.3 s)	1140.55(98), 1001.58(50.7), 1190.58(20.5)
1550.9 *7*	0.100 *19*	^{122}Cs(21.0 s)	331.1(48), 512.0(3.8), 817.9(3.09)
1550.9 *2*	0.124 *25*	^{129}La(11.6 m)	278.6(25), 110.5(16.9), 457.0(8.0)
1550.9 *1*	0.36 *5*	^{242}Np(2.2 m)	735.93(5), 780.44(2.76), 1473.1(2.34)
1550.94 *9*	0.272 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
• 1550.95 *4*	†0.015 *5*	^{136}Cs(13.16 d)	818.514(†100), 1048.073(†80), 340.547(†42.3)
1550.95 *4*	0.0110 *14*	^{136}La(9.87 m)	818.514(2.3), 760.50(0.289), 1322.76(0.264)
1550.95 *80*	0.09 *4*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1550.97 *5*	0.0102 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1551 *1*	>0.35	^{137}Pm(2.4 m)	177.5(40.29), 108.6(35), 233.6(29.57)
1551.01 *25*	1.03	^{154}Pm(2.68 m)	184.810(32), 81.99(15.4), 546.66(14.5)
1551.1 *1*	0.42 *5*	^{138}Pr(1.45 m)	788.742(2.4), 688.2(0.82), 1447.8(0.130)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1551.28 *3*	0.970 *25*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1551.3 *3*	0.95 *15*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1551.4 *2*	0.82 *10*	^{100}Y(735 ms)	212.531(73), 118.59(15.4), 665.98(7.7)
1551.59 *9*	1.01 *6*	^{93}Sr(7.423 m)	590.238(67), 875.73(24.1), 888.13(21.8)
1551.6 *7*	0.19 *9*	^{104}Ag(69.2 m)	555.796(92.6), 767.72(65.7), 941.7(25.0)
1551.67 *48*	0.06 *3*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)
1551.7 *2*	0.061 *7*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
• 1551.7 *2*	0.227 *12*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1551.7 *15*	†83 *24*	^{177}Re(14 m)	196.85(†1200), 79.65(†1010), 84.3(†890)
1551.71 *5*	0.0205 *17*	^{95}Tc(20.0 h)	765.794(93.82), 1073.71(3.74), 947.67(1.951)
1551.8 *5*	†6.5 *10*	^{159}Yb(1.58 m)	166.16(†500), 177.12(†159), 390.20(†113)
1551.94 *10*	2.92 *18*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1552.00 *15*	2.47 *9*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1552 *1*	0.17 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1552.0 *7*	0.028 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1552.0 *8*	0.15 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1552.13 *2*	4.17 *22*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1552.18 *6*	2.20 *6*	^{90}Kr(32.32 s)	1118.69(39.0), 121.82(35.5), 539.49(30.8)
1552.2 *10*	1.97 *17*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1552.2 *10*	†0.68 *14*	^{120}I(81.0 m)	560.44(†137), 1523.0(†21.1), 640.85(†17.1)
1552.2 *8*	0.018 *4*	^{142}Pm(40.5 s)	1575.85(2.0), 641.4(0.384), 2384.3(0.067)
1552.2 *1*	1.8 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
1552.2 *4*	0.44 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1552.2 *3*	0.073 *11*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1552.22 *16*	0.052 *25*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1552.26 *25*	0.26 *3*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1552.3 *1*	0.0016 *5*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1552.3 *4*	1.5	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1552.4 *7*	0.94 *20*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1552.48 *13*	0.320 *22*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1552.5 *3*	0.00339 *23*	^{30}P(2.498 m)	2235.24(0.060), 1263.23(0.00087), 3498.37(0.00070)
1552.55 *14*	0.49 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1552.7 *2*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1552.78 *10*	5.92 *17*	^{204}Au(39.8 s)	436.551(91), 1511.10(25.2), 691.80(24.0)
1552.8 *5*	0.83 *18*	^{85}Se(31.7 s)	345.2(<0.23), 3396.6(7.4), 1427.2(7.0)
1552.80 *30*	0.033 *9*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1552.88 *15*	2.5 *4*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1553.0 *5*	0.026 *3*	^{71}Zn(2.45 m)	511.56(32), 910.27(7.8), 389.88(3.8)
1553.0 *2*	0.0169 *25*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1553.0 *7*	4.8 *5*	^{196}Tl(1.84 h)	426.0(84), 610.5(11.9), 635.5(9.8)
1553.0 *10*	0.22 *4*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1553.0 *5*	0.169 *10*	^{210}At(8.1 h)	1181.39(99.3), 245.31(79), 1483.39(46.5)
1553.2 *5*	†0.22 *5*	^{129}Ba(2.17 h)	182.30(†100), 1459.1(†50.0), 202.38(†33.7)
1553.2 *3*	0.0057 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1553.22 *7*	0.00054 *14*	^{250}Bk(3.217 h)	989.12(45), 1031.85(35.6), 1028.65(4.91)
1553.3 *3*	0.80 *19*	^{76}Rb(39.1 s)	2571.3(47), 424.0(43.4), 355.6(8.2)
1553.3 *3*	0.084 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1553.4 *9*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1553.4 *3*	0.26 *4*	^{95}Rb(377.5 ms)	352.02(49), 204.02(15.1), 680.7(14.8)
1553.4 *2*	21	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 822.6(20.1)
1553.4 *4*	0.6 *3*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1553.5 *4*	0.42 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
• 1553.5 *7*	4.2×10^{-5} *21*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1553.5 *2*	0.039 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1553.6 *3*	0.017 *3*	^{91}Sr(9.63 h)	1024.3(33), 749.8(23.61), 652.9(8.0)
1553.6 *6*	0.23 *4*	^{154}Tb(9.4 h)	123.071(30), 247.925(22.1), 540.18(20)
1553.768 *8*	100	^{50}Sc(102.5 s)	1121.124(99.5), 523.792(88.7), 2205.722(1.27)
1553.768 *8*	2.5	^{50}Sc(0.35 s)	
• 1553.768 *8*	83	^{50}V(1.4×10^{17} y)	
1553.79 *10*	0.213 *22*	^{79}Ga(2.847 s)	464.79(24.2), 516.41(21.5), 1187.28(12.8)
1553.8 *3*	0.051 *10*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1553.8 *3*	0.159 *18*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1553.84 *13*	0.075 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1553.9 *4*	0.042 *5*	^{81}Rb(4.576 h)	190.38(64.0), 446.15(23.2), 510.31(5.3)
1553.970 *9*	1.39 *6*	^{19}O(26.91 s)	197.142(95.9), 1356.843(50.4), 109.894(2.71)
1553.970 *9*	0.000057 *6*	^{19}Ne(17.34 s)	109.894(0.012), 1356.843(0.00206), 197.142(0.00206)
1553.98 *15*	0.21	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1554	>0.010	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1554	0.0011 *5*	^{154}Eu(8.593 y)	123.071(40.79), 1274.436(35.19), 723.304(20.22)
1554.1 *5*	†8.08×10^{3} *13*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
1554.15 *11*	0.273 *17*	^{81}Sr(22.3 m)	153.54(33.8), 147.76(30.1), 443.34(17.5)
1554.33 *20*	0.006 *3*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1554.38 *15*	0.014 *4*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1554.4 *1*	0.38 *3*	^{92}Kr(1.840 s)	142.307(64), 1218.6(60), 812.6(14.6)
• 1554.4 *5*	0.11 *3*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1554.4 *15*	0.060 *13*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1554.5 *15*	0.063 *15*	^{135}Te(19.0 s)	603.5(37.0), 266.8(10.36), 870.3(7.73)
1554.55 *7*	1.12 *17*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1554.58 *15*	0.11 *1*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1554.7 *2*	0.18 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1554.7 *3*	0.184 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1554.8 *4*	0.012 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1554.81 *20*	2.53 *12*	^{83}Se(22.3 m)	356.687(70), 510.17(43), 224.8(32.7)
1554.934 *32*	0.414 *10*	^{134}La(6.45 m)	604.699(5.05), 563.227(0.359), 1732.129(0.234)
1555.07 *10*	4	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1555.1 *2*	0.117 *7*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1555.26 *17*	2.5 *6*	^{102}Ag(12.9 m)	556.52(91), 719.40(58), 1744.99(17.3)
1555.28 *20*	0.153 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1555.3 *4*	0.034 *8*	^{82}Rb(6.472 h)	776.517(84), 554.348(62.4), 619.106(37.976)
1555.3 *3*	0.216 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1555.3 *4*	0.61 *17*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1555.3 *8*	0.15 *7*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1555.31 *10*	0.366 *23*	^{138}Cs(33.41 m)	1435.795(76.3), 462.796(30.7), 1009.78(29.8)
1555.4 *3*	0.32 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1555.4 *1*	0.14 *2*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1555.4 *2*	†1.13 *16*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1555.5 *10*	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1555.6 *8*	0.080 *7*	^{146}Pr(24.15 m)	453.88(48.0), 1523.7(15.6), 735.72(7.5)
1555.6 *5*	0.4 *1*	^{156}Pm(26.70 s)	173.75(52.0), 1147.84(20.5), 117.42(13.8)
1555.6 *3*	0.0025 *14*	^{159}Ho(33.05 m)	121.012(36.2), 131.973(23.6), 309.594(17.2)
1555.68 *4*	0.0099 *18*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1555.70 *16*	†5.4 *8*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1555.8 *3*	1.27 *15*	^{127}In(1.09 s)	1597.7(49), 646.1(6.2), 805.1(5.6)
1555.8 *4*	0.08 *4*	^{185}Au(4.25 m)	310.6(13), 243.1(6.6), 77.7(6)
1555.8 *11*	†1.6 *4*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1555.97 *15*	0.47 *3*	^{136}I(83.4 s)	1313.02(67), 1321.08(24.8), 2289.6(10.4)
1556.0 *4*	0.046 *10*	^{55}Co(17.53 h)	931.3(75), 477.2(20.2), 1408.4(16.88)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1556.1 *3*	†1.3 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1556.3 *2*	1.05 *8*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1556.32 *12*	0.248 *19*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1556.4 *5*	0.48 *5*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1556.4 *2*	0.012 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1556.43 *7*	1.00 *5*	^{143}La(14.2 m)	620.3(2.34), 643.75(1.55), 621.4(1.52)
1556.5 *3*	0.067 *11*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1556.5 *6*	0.0068 *13*	^{162}Tb(7.60 m)	260.070(37.2), 807.53(42.8), 888.20(38.7)
1556.54 *11*	0.28 *3*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
• 1556.6 *1*	0.00048 *6*	^{160}Tb(72.3 d)	879.383(30.01), 298.580(25.51), 966.171(25.21)
1556.6 *1*	†0.36 *5*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1556.61 *5*	1.9 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1556.66 *8*	2.88 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1556.7 *4*	4.9 *4*	^{148}Pr(2.0 m)	301.702(95), 450.58(50), 697.61(40)
• 1556.7 *4*	0.056 *9*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1556.71 *7*	0.0134 *8*	^{128}Cs(3.66 m)	442.901(26.8), 526.557(2.41), 1140.079(1.168)
1556.72 *20*	1.92 *10*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1556.8 *2*	0.0142 *25*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1556.8 *6*	0.099 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1556.94 *14*	2.28 *8*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1556.94 *30*	0.14 *5*	^{193}Hg(11.8 h)	257.97(61), 407.63(25), 573.25(14.2)
• 1557 *1*	0.022	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1557.03 *17*	0.0124 *5*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1557.11 *5*	0.184 *13*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1557.11 *5*	0.288 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1557.2 *5*	0.48 *17*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1557.2 *3*	0.288 *13*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1557.26 *8*	0.304 *17*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1557.26 *8*	2.58 *12*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
• 1557.3 *1*	0.0041 *10*	^{125}Sn(9.64 d)	1067.10(10), 1089.15(4.59), 822.48(4.28)
1557.53 *27*	0.0040 *5*	^{51}Mn(46.2 m)	749.07(0.26), 1148.01(0.078), 1164.40(0.076)
1557.6 *5*	0.73 *13*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
1557.6	>0.24	^{130}La(8.7 m)	357.4(81.0), 550.7(25.9), 908.0(17.0)
1557.74 *5*	1.16 *9*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1557.8 *4*	0.0062 *21*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1557.82 *10*	0.36 *5*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
1557.84 *4*	2.050 *19*	^{105}Cd(55.5 m)	961.84(4.69), 346.870(4.20), 1302.459(3.98)
1557.9 *8*	0.47 *10*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1558.0 *11*	0.31 *22*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1558.0 *2*	0.095 *11*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1558.0 *6*	0.18 *4*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1558 *2*	0.076 *10*	^{182}Re(12.7 h)	67.75001(38.2), 1121.3007(32), 1221.4066(24.8)
1558.1 *3*	0.22 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1558.1 *2*	†7.5 *9*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1558.18 *10*	0.00098 *8*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1558.2 *4*	0.93 *9*	^{125}In(2.36 s)	1335.04(71), 1031.75(9.6), 617.88(7.4)
1558.2 *5*	0.129 *20*	^{139}Pm(4.15 m)	402.8(15), 463.1(4.1), 367.8(3.52)
1558.20 *8*	0.019 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1558.3 *1*	0.0057 *6*	^{127}Cs(6.25 h)	411.95(62.8), 124.70(11.37), 462.31(5.07)
1558.31 *4*	†7.5×10^2 *16*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1558.31 *4*	18.72 *20*	^{234}Np(4.4 d)	1527.21(11.2), 1601.80(9.1), 1435.36(6.38)
1558.35 *10*	0.0168 *17*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1558.4	0.47 *6*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1558.4 *1*	0.028 *8*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1558.5	0.0084 *5*	^{43}Sc(3.891 h)	372.760(23), 1931.3(0.0151), 593.390(0.0022)
1558.5 *2*	0.00020 *8*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1558.5 *1*	0.097 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1558.6 *6*	0.075 *20*	^{140}Pm(9.2 s)	773.74(5.0), 477.1(2.6), 1204.8(1.9)
1558.6 *7*	1.34 *14*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
• 1558.66 *15*	0.87 *7*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1558.67 *11*	0.47 *13*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1558.71 *19*	0.512 *18*	^{58}Mn(65.3 s)	810.764(<0.026), 1323.09(6.44), 459.160(21.4)
1558.73 *3*	0.017 *8*	^{152}Pm(4.1 m)	121.7824(15.7), 841.586(2.17), 961.06(1.92)
1558.73 *3*	0.0080 *4*	^{152}Eu(9.274 h)	841.586(14.6), 963.37(12.01), 121.7824(7.21)
1558.8 *5*	0.021 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1558.8 *1*	0.0060 *20*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
1558.90 *20*	1.23 *7*	^{83}Se(70.1 s)	1030.86(21.2), 356.687(18), 987.96(16.1)
1558.9 *3*	0.91 *9*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1558.9 *3*	0.79 *8*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1558.95 *12*	0.019 *9*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1558.95 *16*	0.638 *17*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1559.0 *15*	†3.0 *9*	^{87}Nb(2.6 m)	200.95(†100), 470.63(†73), 1066.8(†37)
1559.0 *5*	0.96 *19*	^{96}Rh(9.90 m)	832.57(100), 685.49(95.7), 631.71(74.5)
1559.0 *5*	0.47 *20*	^{96}Rh(1.51 m)	832.57(39), 1098.51(8.9), 1692.2(7.0)
1559.0 *2*	0.028 *8*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1559.0 *5*	0.34 *8*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1559.0 *4*	0.0089 *20*	^{132}I(2.295 h)	667.718(99), 772.60(75.6), 954.55(17.6)
1559.0 *2*	1.11 *8*	^{190}Tl(3.7 m)	416.4(91), 625.4(82), 731.1(37)
1559.0 *2*	0.96 *7*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
1559.0 *3*	0.92 *10*	^{198}Tl(5.3 h)	411.8044(82), 675.8874(11), 636.4(10.1)
1559	>0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1559.1 *2*	0.44 *4*	^{142}Cs(1.70 s)	359.598(27.2), 1326.46(12.92), 966.89(9.0)
1559.25 *26*	†0.15 *8*	^{71}Se(4.74 m)	147.50(†211), 1095.26(†43.6), 830.33(†43.2)
1559.5 *1*	0.007 *4*	^{100}Tc(15.8 s)	539.59(7), 590.83(5.7), 1512.1(0.44)
1559.5 *1*	0.62 *20*	^{100}Rh(20.8 h)	539.59(78.4), 2376.1(35.3), 1553.4(21)
1559.5 *3*	0.014 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1559.6 *6*	0.16 *4*	^{99}Pd(21.4 m)	136.00(73), 263.60(15.2), 673.38(6.9)
1559.6 *1*	2.2 *2*	^{236}Pa(9.1 m)	642.35(37.0), 687.59(9.9), 1762.7(6.0)
1559.61 *15*	†2.0 *4*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1559.70 *12*	1.14 *18*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
• 1559.8 *2*	0.163 *24*	^{124}I(4.18 d)	602.730(60), 1690.980(10.41), 722.786(9.98)
1559.8 *6*	0.009 *4*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1559.85 *20*	0.021 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1559.86 *15*	†7.2 *4*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1559.9 *1*	0.5	^{43}Ar(5.37 m)	975.0(34), 738.1(15), 1439.5(13)
1559.9 *7*	0.06 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1559.9	†2.2	^{144}Gd(4.5 m)	333.3(†100), 2432.6(†94.8), 629.5(†32.4)
1559.9 *4*	0.042 *8*	^{147}Pr(13.4 m)	77.9921(15), 314.675(13.2), 641.380(10.0)
1559.9 *3*	†2.9 *6*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1560.0 *5*	0.459 *22*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1560.00 *20*	1.0 *5*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1560.0 *3*	0.095 *14*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1560.1 *5*	2.04 *24*	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1560.1 *1*	3.0 *3*	^{149}Er(8.9 s)	1171.0(9.4), 171.5(6.5), 343.9(6.3)
• 1560.25 *30*	0.0125 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1560.27 *62*	0.007 *4*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
• 1560.283 *20*	0.072 *8*	^{182}Re(64.0 h)	229.3220(26), 67.75001(22.2), 1121.3007(22.0)
1560.3 *6*	0.30 *7*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)

Energy-ordered Decay γ-ray Tables from the *Table of Isotopes*

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1560.30 *8*	0.378 *20*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1560.332 *22*	3.22 *20*	^{179}Re(19.5 m)	430.221(28), 289.968(26.9), 1680.244(13.0)
1560.4 *4*	0.34 *6*	^{77}Zn(2.08 s)	189.49(28.1), 473.94(19.7), 1832.0(12.4)
1560.4 *4*	0.20 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1560.41 *18*	0.025 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1560.42 *48*	0.0049 *14*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1560.49 *5*	0.075 *8*	^{135}Ce(17.7 h)	265.56(41.8), 300.07(23.5), 606.76(18.8)
1560.5 *3*	0.101 *20*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1560.5 *5*	0.048 *16*	^{195}Tl(1.16 h)	563.52(10.5), 884.47(10.0), 1363.88(8.4)
1560.58 *8*	0.035 *18*	^{145}Ce(3.01 m)	724.33(59), 62.54(13.33), 1148.03(9.15)
1560.6 *3*	0.38 *6*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1560.6 *2*	0.51 *3*	^{200}Po(11.5 m)	671.0(34.0), 617.7(19.7), 434.4(9.3)
1560.6 *4*	0.125 *15*	^{208}Rn(24.35 m)	426.78(7.07), 251.05(5.02), 350.026(3.34)
1560.7 *5*	0.75 *8*	^{92}Ru(3.65 m)	213.81(96), 259.32(92), 134.57(65.5)
1560.7 *2*	0.064 *17*	^{94}Sr(75.3 s)	1427.7(94), 723.8(2.40), 703.9(2.13)
1560.7 *5*	0.09 *4*	^{141}Eu(40.0 s)	394.0(9), 384.5(5.6), 382.9(2.97)
1560.7 *2*	0.00020 *3*	^{144}Pr(17.28 m)	696.510(1.3), 2185.662(0.694), 1489.160(0.278)
1560.74 *15*	0.123 *18*	^{75}Br(96.7 m)	286.572(88), 141.3147(6.6), 427.883(4.4)
• 1560.786 *17*	0.841 *22*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
1561	0.23	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1561.0 *4*	0.0053 *20*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 1577.60(6.0)
1561.0 *6*	0.005 *4*	^{180}Re(2.44 m)	902.795(90), 103.557(22.2), 825.357(9.9)
1561.1 *8*	1.51 *13*	^{30}Na(48 ms)	1482.1(42), 1978.1(10.4), 4966.3(6.8)
1561.2 *5*	0.44 *6*	^{117}Xe(61 s)	28.5(7.0), 221.3(10.0), 32.3(7.6)
1561.3 *10*	1.3 *3*	^{98}Ag(46.7 s)	863.1(100), 678.5(85), 570.93(53)
1561.30 *5*	0.095 *4*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1561.4 *4*	0.039 *6*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1561.4 *3*	0.19 *3*	^{121}Ag(0.78 s)	314.55(32.1), 353.43(19.9), 500.61(9.3)
1561.5 *5*	1.0 *4*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1561.5 *4*	†1.9 *7*	^{131}Ce(10.3 m)	169.42(†100), 414.25(†68), 119.18(†44)
1561.5 *6*	†0.07 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1561.5 *10*	0.141 *18*	^{205}At(26.2 m)	719.30(31), 669.41(8.6), 628.88(5.6)
1561.58 *8*	0.0672 *24*	^{178}Lu(28.4 m)	93.180(6.0), 1340.8(3.22), 1310.05(1.40)
1561.58 *8*	0.0106 *3*	^{178}Ta(9.31 m)	93.180(1.78), 1350.68(1.18), 1340.8(1.027)
1561.6 *8*	0.6 *2*	^{130}Sb(39.5 m)	793.53(100), 839.49(100), 331.05(78)
1561.6 *3*	0.062 *16*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1561.60 *5*	0.206 *13*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1561.7 *4*	3.6 *9*	^{115}Te(6.7 m)	770.40(34.2), 723.569(18), 1071.70(12.9)
• 1561.80 *5*	†14.0 *6*	^{56}Ni(5.9 d)	158.38(†98.8), 811.85(†86.0), 749.95(†49.5)
1561.90 *20*	0.38 *4*	^{81}As(33.3 s)	467.72(20), 491.20(8.5), 521.10(1.40)
1561.9 *20*	0.014 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1562.05 *9*	0.0129 *23*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1562.1 *3*	9.0 *8*	^{163}Gd(68 s)	287.79(25), 214.0(11.5), 1684.5(8.0)
• 1562.2 *4*	†0.11 *3*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1562.24 *5*	0.1632 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1562.24 *5*	0.0172 *5*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1562.24 *4*	1.42 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1562.3 *5*	†1.7 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
• 1562.302 *5*	1.022 *7*	^{110}Ag(249.79 d)	657.7622(94.0), 884.685(72.2), 937.493(34.13)
1562.302 *5*	0.50 *3*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1562.32 *14*	0.159 *10*	^{95}Ru(1.643 h)	336.43(70.2), 1096.76(21.0), 626.77(17.8)
1562.4 *5*	0.53 *8*	^{230}Fr(19.1 s)	711.0(13.6), 129.1(11.0), 728.4(7.3)
1562.43 *31*	0.00108 *16*	^{125}Xe(16.9 h)	188.418(54), 243.378(30.1), 54.968(6.81)
• 1562.51 *15*	1.76 *4*	^{83}Sr(32.41 h)	762.65(30), 381.53(14.1), 418.37(4.41)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
• 1562.57 *2*	0.0029 *8*	^{166}Ho(1.20×10^3 y)	184.410(72.6), 810.276(58.08), 711.683(55.32)
1562.60 *18*	0.029 *10*	^{183}Os(9.9 h)	1101.94(49.0), 1107.92(22.36), 1034.85(6.02)
1562.64 *24*	0.019 *4*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1562.694	0.287 *6*	^{39}Cl(55.6 m)	1267.185(54), 250.332(46.3), 1517.508(39.2)
1562.7 *4*	0.14	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
• 1562.8 *3*	0.318 *24*	^{194}Au(38.02 h)	328.455(60), 293.545(10.2), 1468.91(6.3)
1562.850 *48*	0.89 *19*	^{196}Ir(52 s)	355.684(19), 779.630(10.4), 446.613(4.5)
1562.9 *4*	0.155 *22*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
1562.91 *11*	1.01 *7*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1562.91 *6*	0.083 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1563.0 *10*	0.26 *7*	^{69}Se(27.4 s)	97.98(66), 66.4(24.8), 691.8(16.6)
• 1563 *1*	0.0018 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1563.0 *8*	†0.21 *6*	^{120}Cs(64 s)	322.4(†100), 473.5(†30), 553.4(†19.1)
1563.09 *6*	0.94 *5*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
• 1563.15 *4*	0.165 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1563.2 *6*	0.014 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1563.2	0.012 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1563.3 *3*	0.25 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1563.30 *15*	0.078 *17*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
1563.35 *17*	0.18 *3*	^{202}Bi(1.72 h)	960.67(99), 422.18(83.7), 657.49(60.6)
1563.36 *6*	0.0090 *8*	^{133}La(3.912 h)	278.835(2.50), 302.353(1.648), 290.06(1.413)
1563.38 *2*	0.0416 *24*	^{139}Pr(4.41 h)	1347.33(0.47), 1630.67(0.343), 255.11(0.236)
1563.42 *12*	0.076 *8*	^{197}Tl(2.84 h)	425.84(12.9), 152.22(7.2), 1411.34(4.5)
1563.5 *10*	0.07 *5*	^{143}Gd(39 s)	258.81(75), 204.77(19.4), 463.7(9.9)
1563.52 *13*	0.19 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1563.6 *4*	0.17 *4*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1563.6 *4*	0.08 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1563.6	†12	^{147}Dy(40 s)	365.1(†100), 253.4(†80), 1388.0(†60)
1563.7 *2*	†138	^{157}Ho(12.6 m)	279.97(†47600), 341.16(†37000), 193.41(†15200)
1563.74 *20*	0.23 *7*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1563.8 *6*	0.023 *8*	^{158}Eu(45.9 m)	944.09(25), 977.131(13.6), 79.5104(11)
1563.86 *8*	0.98 *10*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1563.9 *4*	0.012 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1563.9 *3*	15	^{207}Hg(2.9 m)	351.059(77), 997.1(69), 1637.1(30)
1564.0 *20*	4.0 *16*	^{127}Sn(4.13 m)	490.9(90), 1348.0(4.8), 1584.5
1564.0 *2*	0.075 *19*	^{133}Te(12.5 m)	312.072(62), 407.63(27.1), 1333.21(10.67)
1564.0 *2*	0.0100 *12*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
• 1564.0 *4*	0.052 *7*	^{156}Tb(5.35 d)	534.318(66.6), 199.2132(40.9), 1222.36(31.00)
1564.15 *26*	1.20 *18*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1564.2 *2*	0.11 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1564.22 *18*	0.024 *5*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1564.3 *5*	4.2 *8*	^{31}Al(644 ms)	2316.7(18), 1694.93(10.4), 752.42(5.2)
1564.3 *4*	4.9 *5*	^{80}Ge(29.5 s)	265.36(27.0), 110.4(6.5), 936.97(4.05)
1564.3 *2*	0.0076 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1564.3 *2*	†0.31 *9*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1564.4 *5*	0.18 *5*	^{86}Y(14.74 h)	1076.64(83), 627.72(32.6), 1153.01(30.5)
1564.40 *32*	0.133 *23*	^{174}Ta(1.05 h)	206.50(58), 91.00(16.0), 1205.92(4.9)
1564.41 *10*	2.3 *2*	^{126}In(1.64 s)	1141.11(100), 908.58(99), 111.79(88)
1564.63 *13*	0.035 *4*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1564.68 *7*	0.84 *4*	^{141}Pm(20.90 m)	1223.26(4.74), 886.22(2.44), 193.68(1.61)
1564.90 *10*	6.88 *20*	^{91}Tc(3.14 m)	2450.90(13.5), 1639.90(9.2), 1605.20(7.77)
1564.9 *5*	0.040 *7*	^{115}Ag(20.0 m)	229.08(18), 212.80(4.4), 472.70(4.0)
1564.9 *3*	†5.4 *10*	^{183}Hg(9.4 s)	60.5(†100), 159.91(†21), 172.70(†17)
1564.9 *3*	0.12 *3*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1564.92 *9*	64 *4*	^{86}Br(55.1 s)	2751.2(21.1), 1361.65(10.4), 1389.87(9.8)
1564.95 *11*	0.41	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
• 1564.97	0.090 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1565.0 *4*	0.14 *3*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1565.0 *6*	†0.9 *4*	^{193}Hg(3.80 h)	861.11(†100), 1118.84(†64), 789.21(†36)
• 1565.02 *20*	0.21 *8*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
• 1565.08	0.202 *9*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1565.1 *15*	0.97 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1565.1 *2*	1.6 *3*	^{156}Tm(83.8 s)	344.55(86), 452.85(17.2), 585.93(14.6)
1565.15 *8*	0.0207 *9*	^{194}Ir(19.15 h)	328.455(13.1), 293.545(2.55), 645.157(1.17)
• 1565.2 *2*	>0.38	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
• 1565.29 *11*	0.0316 *14*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 1565.34 *8*	0.304 *15*	^{206}Bi(6.243 d)	803.10(99), 881.01(66.2), 516.18(40.7)
1565.40 *21*	0.6 *4*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1565.40 *21*	0.48 *4*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)
1565.4	11.1 *10*	^{179}Pt(21.2 s)	171.7(16), 193.1(14.2), 99.8(13.2)
1565.5 *3*	0.28 *4*	^{183}Au(42.0 s)	161.18(9.4), 214.13(5.9), 313.08(5.0)
1565.6 *14*	>0.11	^{61}Zn(89.1 s)	475.0(16.85), 1660.5(7.80), 970.0(2.57)
1565.6 *5*	0.24 *6*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1565.6 *3*	0.031 *8*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1565.6 *4*	0.016 *5*	^{161}Er(3.21 h)	826.6(3.0), 211.15(12.2), 592.6(3.7)
1565.6 *3*	†13 *2*	^{181}Ir(4.90 m)	107.64(†100), 1639.6(†52), 318.9(†46)
1565.6 *5*	†0.41 *15*	^{188}Au(8.84 m)	265.63(†100), 340.04(†23.9), 605.5(†16.3)
1565.8 *8*	0.15 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1565.9 *5*	0.21 *9*	^{141}Sm(10.2 m)	403.8(43), 438.8(37.7), 1292.6(6.8)
• 1565.9 *1*	>0.38	^{147}Gd(38.06 h)	229.32(63), 396.00(34.3), 929.01(20.2)
1566.0 *5*	0.16 *4*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1566.09 *5*	0.327 *20*	^{123}Cd(2.10 s)	371.32(51), 1052.28(24.8), 1438.13(8.3)
1566.09 *5*	1.97 *10*	^{123}Cd(1.82 s)	1165.86(25.7), 1027.45(22.6), 2102.81(12.5)
1566.1 *2*	0.600 *23*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1566.2 *3*	0.227 *11*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1566.2 *9*	0.06 *3*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1566.2 *4*	†2.6 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1566.2 *1*	†0.10 *3*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1566.3 *3*	0.38 *4*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1566.3 *8*	0.27 *8*	^{159}Er(36 m)	624.5(33), 649.1(23.4), 205.92(9.7)
1566.4 *3*	0.33 *6*	^{74}Br(46 m)	634.78(91), 728.37(35.6), 634.26(16.4)
1566.40 *20*	1.59 *4*	^{112}Sb(51.4 s)	1257.05(96), 990.70(14.3), 670.0(3.7)
1566.4 *4*	0.066 *15*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
• 1566.40 *18*		^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1566.41 *3*	1.30 *3*	^{135}I(6.57 h)	1260.409(28.90), 1131.511(22.74), 1678.027(9.62)
1566.41 *10*	0.101 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1566.50 *18*	2.08 *10*	^{64}Ga(2.630 m)	991.52(43), 807.86(13.65), 3365.86(13.1)
1566.6 *5*	0.29 *17*	^{70}As(52.6 m)	1039.20(81), 1114.1(21.8), 668.3(21.8)
1566.7 *2*	0.196 *16*	^{107}Ru(3.75 m)	194.05(9.9), 847.93(5.3), 462.61(3.66)
1566.76 *19*	0.55 *9*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1566.8 *5*	1.6	^{146}Cs(0.343 s)	181.02(57.0), 557.76(9.18), 332.38(6.44)
1566.9 *5*	1.3	^{136}Te(17.5 s)	2077.9(22), 333.99(19), 578.75(18)
1566.9 *10*	0.71 *4*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
1566.98 *9*	3.0 *6*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1567.0 *6*	0.00012 *3*	^{161}Gd(3.66 m)	360.94(0.59), 314.92(22.7), 102.315(13.9)
1567.0 *2*	0.0113 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1567.04 *10*	0.020 *3*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1567.09 *3*	99.8 *19*	^{209}Tl(2.20 m)	465.130(96.9), 117.211(84.3), 920.13(0.61)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1567.1 *5*	0.23 *6*	^{138}I(6.49 s)	588.825(56), 875.23(9.2), 2262.19(3.86)
1567.2 *2*	0.43 *4*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1567.2 *8*	1.3 *4*	^{113}Te(1.7 m)	814.4(22), 1018.1(13.0), 1181.0(12.3)
1567.2 *1*	0.97 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1567.29 *17*	0.0031 *9*	^{183}Os(13.0 h)	381.768(89.6), 114.463(20.63), 167.844(8.81)
1567.4 *5*	0.45 *5*	^{85}Zr(7.86 m)	454.20(45), 416.3(27.0), 1198.4(4.8)
1567.4 *3*	0.124 *25*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1567.5 *4*	14.9 *5*	^{51}Sc(12.4 s)	1437.3(52), 2144.1(31.8), 907.2(9.3)
1567.5 *5*	0.35 *13*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1567.72 *12*	0.47 *16*	^{186}Ir(16.64 h)	296.911(64.0), 137.155(42), 434.849(34.4)
1567.9	21	^{38}Ca(440 ms)	328.3(2.6), 3211.2(0.29)
1567.9 *6*	0.20 *5*	^{92}Tc(4.23 m)	1509.48(101), 773.04(100), 329.71(79.9)
1567.9 *3*	0.07 *3*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1567.98 *7*	0.0077 *5*	^{76}As(26.32 h)	559.101(45), 657.041(6.2), 1216.104(3.42)
1567.98 *7*	0.96 *7*	^{76}Br(16.2 h)	559.101(74), 657.041(15.9), 1853.67(14.7)
1568.0 *3*	0.013 *3*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1568 *1*	0.11	^{209}Rn(28.5 m)	408.32(50.3), 745.78(22.8), 337.45(14.5)
1568.1 *4*	1.0 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1568.15 *10*	0.55 *7*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1568.17 *15*	0.093 *19*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1568.19 *7*	0.199 *7*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1568.19 *7*	0.131 *6*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1568.2 *5*		^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
• 1568.3 *4*	†0.01 *1*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1568.3	0.28 *3*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1568.3	0.25	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1568.4 *2*	0.0016 *8*	^{71}As(65.28 h)	174.954(82.00), 1095.490(4.08), 499.876(3.624)
1568.4 *8*	1.40 *11*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1568.43 *18*	0.0005 *3*	^{149}Nd(1.728 h)	211.309(25.9), 114.314(19.2), 270.166(10.7)
1568.43 *12*	0.50 *7*	^{183}Ir(58 m)	392.52(10.4), 228.70(6.9), 87.67(5.6)
1568.46 *18*	†1.1 *3*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1568.5 *4*	0.55 *16*	^{203}Po(36.7 m)	908.64(55), 1090.95(19.2), 893.49(18.7)
1568.6 *2*	0.0060 *10*	^{240}Np(7.22 m)	554.60(20.9), 597.40(11.7), 1496.9(1.33)
• 1568.66 *18*	0.026 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1568.7 *8*	0.69 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1568.78 *16*	†5.5 *8*	^{181}Pt(51 s)	289.29(†100), 111.97(†100), 230.15(†92)
1568.9 *2*	0.044 *5*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1568.9 *3*	†1.3 *4*	^{160}Lu(36.1 s)	243.2(†100), 395.4(†21.0), 577.2(†10.7)
• 1568.93 *10*	0.037 *5*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1569.0 *4*	0.138 *20*	^{99}Nb(2.6 m)	97.785(7), 253.50(3.64), 2641.3(3.64)
1569.0 *2*	0.025 *8*	^{129}Ba(2.23 h)	6.545(23.7), 214.30(13.4), 220.83(8.54)
1569.0 *4*	0.0088 *22*	^{137}Pr(1.28 h)	836.7(1.8), 433.9(1.28), 514.0(1.08)
1569.2 *2*	0.98 *10*	^{108}In(39.6 m)	632.96(76), 1986.8(12.4), 3452.2(9.2)
1569.2 *2*	0.82 *16*	^{108}In(58.0 m)	875.46(100), 632.96(100), 242.84(41)
1569.26 *18*	0.135 *16*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
1569.3 *7*	0.125 *22*	^{109}In(4.2 h)	203.5(74), 623.7(5.5), 1148.9(4.3)
1569.3 *5*	0.118 *20*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1569.37 *15*		^{144}Cs(1.01 s)	199.326(†100.0), 639.00(†21.2), 758.96(†20.6)
1569.39 *10*	0.0571 *22*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
• 1569.5 *4*	2.1×10^{-5} *10*	^{168}Tm(93.1 d)	198.241(52.39), 815.990(48.99), 447.515(23.05)
1569.6 *6*	1.0	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
1569.65 *25*	0.39 *11*	^{148}La(1.05 s)	158.468(55.6), 989.85(9.3), 760.30(8.6)
1569.65 *10*	0.080 *11*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1569.77 *7*	0.085 *6*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1569.8	0.046 *23*	^{141}Ba(18.27 m)	190.328(46.0), 304.194(25.4), 276.948(23.4)
1569.8 *3*	0.29 *5*	^{149}Dy(4.20 m)	100.8(15.2), 789.4(11.8), 1776.3(11.1)
1569.9 *5*	0.43 *5*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1570.0 *4*	1.1 *3*	^{78}Zn(1.47 s)	224.75(43.9), 181.68(28.1), 860.30(24.5)
1570.0 *3*	0.11 *6*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1570.19 *20*	0.020 *4*	^{131}La(59 m)	108.081(25.0), 417.783(18.0), 365.162(16.9)
1570.2 *5*	†0.23 *3*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1570.23 *10*	0.97 *4*	^{74}Ga(8.12 m)	595.847(91), 2353.46(44.5), 608.353(14.3)
1570.270 *17*	0.41 *4*	^{200}Au(48.4 m)	367.943(19), 1225.479(10.7), 1262.950(3.12)
• 1570.270 *17*	0.27 *4*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1570.4 *2*	0.18 *3*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1570.4 *2*	0.029 *4*	^{167}Yb(17.5 m)	113.34(55.3), 106.18(22.5), 176.25(21)
1570.45 *15*	0.35 *6*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1570.46 *7*	0.0153 *12*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1570.5 *9*	0.29 *3*	^{70}Se(41.1 m)	49.51(35.8), 426.15(29), 376.65(9.43)
1570.5 *5*	>0.16	^{105}Tc(7.6 m)	143.26(16), 107.945(14.1), 321.50(11.1)
1570.6 *5*	1.3 *4*	^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1570.6 *3*	0.392 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1570.68 *4*	†1100 *80*	^{234}Pa(1.17 m)	1001.03(†837000), 766.38(†294000), 742.81(†80000)
• 1570.68 *4*	5.09 *21*	^{234}Np(4.4 d)	1558.31(18.72), 1527.21(11.2), 1601.80(9.1)
1570.8 *4*	†3.7 *5*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1570.8 *5*	2.40 *12*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1570.8 *3*	0.15 *4*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1570.9 *3*	0.22 *5*	^{108}Tc(5.17 s)	242.25(82), 465.6(14.3), 707.81(11.4)
1570.96 *10*	2.6 *2*	^{126}In(1.60 s)	1141.11(55.9), 3344.61(21.6), 969.61(14.9)
1571	0.0009 *5*	^{105}Ru(4.44 h)	724.21(47), 469.37(17.5), 676.36(15.7)
1571.0 *2*	0.17 *10*	^{190}Tl(2.6 m)	416.4(79), 625.4(11.1), 683.5(8.7)
• 1571.02 *16*		^{206}Po(8.8 d)	1032.26(32.9), 511.36(24.1), 286.410(23.8)
1571.1 *2*	0.020 *3*	^{49}Cr(42.3 m)	90.639(53.20), 152.928(30.32), 62.289(16.39)
1571.3 *2*	1.42 *9*	^{107}In(32.4 m)	204.97(47), 505.51(11.9), 320.92(10.2)
1571.3 *3*	0.036 *14*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1571.3 *4*	†0.67 *19*	^{189}Hg(7.6 m)	320.99(†100), 78.21(†63), 565.42(†48)
1571.31 *10*	2.40 *20*	^{124}In(3.17 s)	1131.64(68), 3214.15(21.5), 997.79(21.1)
1571.33 *15*	0.33 *3*	^{79}Ge(19.1 s)	109.58(21), 1505.85(9.2), 100.48(2.70)
1571.33 *15*	2.76 *25*	^{79}Ge(39.0 s)	230.62(61), 542.27(32.6), 755(18)
1571.4 *6*	0.63 *25*	^{151}Ho(35.2 s)	527.4(63), 775.53(9.2), 209.5(5.69)
1571.52 *10*	0.0059 *16*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1571.58 *10*	3.8 *3*	^{72}Br(78.6 s)	862.03(70), 1316.70(17.3), 454.70(13.1)
1571.6 *8*	†0.6 *3*	^{171}Hf(12.1 h)	122.0(†100), 662.2(†83), 347.18(†47)
1571.6	0.27	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
• 1571.6 *4*	0.115 *16*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1571.63 *12*	0.818 *20*	^{72}Ga(14.10 h)	834.01(96), 2201.69(25.9), 629.95(24.8)
• 1571.63 *12*	0.0191 *16*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1571.68 *7*	0.074 *7*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1571.74 *15*	0.21 *3*	^{197}Pb(43 m)	385.85(74), 387.72(25.1), 222.45(24.6)
1571.8 *10*	0.068 *20*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1571.84 *16*	0.265 *25*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1571.84 *7*	0.110 *7*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1572.0 *3*	0.11 *3*	^{152}Pm(7.52 m)	244.6989(78), 121.7824(45), 340.48(31.3)
• 1572.12 *17*	0.028 *13*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1572.29 *18*	†2.7 *3*	^{165}Lu(10.74 m)	132.49(†100), 120.60(†100), 174.25(†47.0)
1572.334	99.53 *3*	^{35}P(47.3 s)	2938.51(0.47)
1572.35 *15*	6.7 *5*	^{106}Rh(131 m)	511.842(85), 1045.83(30.4), 717.24(28.9)
• 1572.35 *15*	6.6 *5*	^{106}Ag(8.28 d)	511.842(88), 1045.83(29.6), 717.24(28.9)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1572.40 *20*	0.000184 *20*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)
1572.40 *20*	9.5×10^{-5} *25*	^{106}Ag(23.96 m)	511.842(17.0), 621.94(0.316), 873.48(0.199)
1572.4	0.013 *7*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1572.4 *10*	1.40 *9*	^{228}Fr(39 s)	473.7(10.2), 474.0(7.6), 410.40(6.3)
• 1572.5 *2*	0.211 *23*	^{99}Rh(16.1 d)	528.24(33), 353.05(30.0), 89.65(29.0)
1572.5 *3*	0.08 *3*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1572.5 *2*	†0.53 *12*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1572.55 *19*	0.194 *12*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1572.59	0.016 *5*	^{34}Cl(32.00 m)	2127.492(42.8), 1176.626(14.09), 3304.039(12.29)
1572.6 *4*	1.0 *5*	^{122}Cs(4.5 m)	331.1(94), 497.1(79), 638.5(63)
1572.7 *5*	0.43 *3*	^{18}N(624 ms)	1981.95(83.2), 821.76(49.0), 1651.61(48.9)
1572.7 *3*	1.1 *3*	^{181}Os(105 m)	238.75(44), 826.77(20), 118.03(12.9)
1572.76 *6*	0.27 *4*	^{204}Bi(11.22 h)	899.15(98), 374.72(82), 984.02(59)
• 1572.90 *20*	0.0114 *10*	^{148}Eu(54.5 d)	550.284(98.5), 629.987(71.9), 611.293(20.5)
• 1572.99 *8*	0.230 *18*	^{69}Ge(39.05 h)	1107.01(36), 574.17(13.3), 872.14(11.9)
1573.0 *10*	†2	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1573.0 *9*	0.051 *20*	^{156}Ho(56 m)	266.35(54.7), 137.83(51), 366.25(10.73)
1573.0 *10*	0.18 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1573.2 *1*	1.50 *17*	^{107}Tc(21.2 s)	102.70(21.0), 177.00(9.2), 106.31(7.6)
1573.26 *5*	0.034 *4*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1573.3 *2*	0.036 *9*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1573.4 *3*	1.04 *19*	^{78}Ga(5.09 s)	619.40(77), 1186.42(20.1), 567.06(18.2)
1573.4 *9*	0.48 *25*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1573.5 *2*	1.17 *11*	^{131}Sb(23.03 m)	943.4(47), 933.1(26.1), 642.30(23)
1573.5 *2*	0.28 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1573.5 *2*	0.189 *16*	^{230}Ac(122 s)	454.95(8), 508.20(5.15), 1243.9(3.50)
1573.53 *8*	0.77 *4*	^{146}La(6.27 s)	258.47(64), 924.58(7.45), 702.28(6.43)
1573.56 *5*	0.098 *4*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1573.57 *5*	3.43 *16*	^{80}Ga(1.697 s)	659.14(78.0), 1083.47(48.4), 1109.36(18.6)
1573.57 *5*	>0.15	^{81}Ga(1.222 s)	659.14(5), 914.47(>0.15)
• 1573.60 *25*	0.090 *5*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
1573.65 *10*	0.318 *24*	^{133}Ce(4.9 h)	477.22(39), 510.36(20.7), 58.39(19.2)
• 1573.66 *2*	0.05 *3*	^{200}Tl(26.1 h)	367.943(87), 1205.717(29.9), 579.298(13.8)
1573.69 *3*	0.658 *16*	^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1573.7 *5*		^{103}Cd(7.3 m)	1461.81(12), 1448.70(5.55), 1079.90(5.44)
1573.7 *3*	0.26 *6*	^{190}Re(3.2 h)	186.718(27.8), 605.24(14.9), 557.972(14.3)
1573.71 *20*	0.0164 *16*	^{63}Zn(38.47 m)	669.62(8), 962.06(6.5), 1412.08(0.75)
1573.74 *5*	0.0482 *20*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1573.78 *20*	0.191 *18*	^{89}Kr(3.15 m)	220.948(20.1), 586.03(16.6), 904.27(7.2)
1573.80 *10*	0.42 *5*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1573.84 *15*	0.029 *3*	^{139}Cs(9.27 m)	1283.23(8.3), 627.24(1.78), 1420.66(0.91)
1573.9 *3*	0.54 *7*	^{88}Nb(14.5 m)	1082.53(103), 1057.01(100), 671.20(64)
1573.9 *5*	5.48 *24*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1574.0 *10*	0.010 *8*	^{85}Y(4.86 h)	231.67(22.8), 2123.8(5.0), 767.40(3.6)
1574.0 *4*	0.25 *5*	^{121}Xe(40.1 m)	252.7(13), 132.8(10.9), 445.2(7.7)
1574 *1*	†2.3 *6*	^{191}Tl(5.22 m)	452.6(†100), 470.1(†98), 391.6(†96)
1574.14 *17*	0.126 *21*	^{187}Au(8.4 m)	1331.81(7.0), 1408.23(3.06), 914.73(3.02)
1574.2 *5*	1.3 *5*	^{125}Cd(0.65 s)	436.29(37), 1099.48(22.3), 2147.19(19.1)
1574.2	0.16	^{147}Tb(1.83 m)	1397.0(79), 1797.1(14), 1643.0(1.2)
1574.2 *3*	0.33 *9*	^{173}Ta(3.14 h)	172.2(18), 69.70(5.9), 90.3(5.0)
1574.3 *2*	0.056 *6*	^{113}Sb(6.67 m)	497.96(80), 332.41(14.8), 88.25(2.7)
1574.5 *5*	0.026 *4*	^{111}Pd(23.4 m)	580.00(0.8), 70.44(0.78), 1459.0(0.56)
1574.5 *3*	0.0034 *8*	^{121}I(2.12 h)	212.189(84), 532.08(6.07), 598.74(1.47)
1574.50 *42*	0.10 *4*	^{137}Nd(38.5 m)	75.5(17.0), 580.6(13), 306.60(10.0)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1574.56 *6*	0.00063 *10*	^{188}Re(16.98 h)	155.032(14.9), 632.99(1.25), 477.99(1.0)
• 1574.56 *6*	2.63 *21*	^{188}Ir(41.5 h)	155.032(29.7), 2214.62(18.7), 632.99(18)
1574.64 *11*	0.165 *18*	^{207}At(1.80 h)	814.41(44.5), 588.33(19.2), 300.654(12.8)
1574.71 *22*	0.124 *14*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1574.8 *3*	0.053 *6*	^{141}Cs(24.94 s)	48.53(7.90), 561.63(4.7), 1194.02(3.95)
1574.8	0.053 *18*	^{149}Tb(4.118 h)	352.24(29.43), 164.98(26.4), 388.57(18.37)
1574.83 *15*	0.072 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1574.9 *10*	†1.1 *6*	^{152}Tb(17.5 h)	344.281(†1500), 586.294(†223), 271.135(†203)
1574.92 *10*	0.357 *15*	^{163}Yb(11.05 m)	860.28(10.1), 63.62(6.5), 123.21(1.98)
1575.0 *8*	1.29 *20*	^{132}Sb(2.79 m)	973.9(99), 696.8(86), 989.6(14.9)
1575.035 *23*	0.517 *16*	^{90}Nb(14.60 h)	1129.224(92.7), 2318.968(82.03), 141.178(66.8)
1575.1 *6*	0.28	^{116}Ag(2.68 m)	513.39(76), 2478.5(12), 699.58(11)
• 1575.10 *20*	0.502 *13*	^{170}Lu(2.00 d)	84.2551(4.256), 1280.25(3.450), 2041.88(1.434)
• 1575.2	>0.00051	^{79}Kr(35.04 h)	261.29(13), 397.54(9.3), 606.09(8.12)
1575.2 *5*	0.27 *11*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1575.2 *7*	0.65 *7*	^{199}Bi(27 m)	560.1(22.0), 424.85(22), 841.7(11)
1575.2 *2*	0.78 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1575.34 *42*	0.084 *22*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1575.46 *14*	0.0170 *9*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1575.5 *1*	0.86 *6*	^{209}At(5.41 h)	545.0(91), 781.9(83.5), 790.2(63.5)
1575.6 *1*	0.0838 *20*	^{126}Cs(1.64 m)	388.633(41), 491.243(5.0), 925.24(4.56)
1575.65 *26*	0.026 *6*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
• 1575.76 *7*	0.087 *7*	^{169}Lu(34.06 h)	960.622(23.4), 191.2137(20.6), 1449.74(9.92)
1575.8 *5*	0.14 *4*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1575.85 *15*	3.7	^{142}Pr(19.12 h)	508.8(0.0228)
1575.85 *15*	2.0	^{142}Pm(40.5 s)	641.4(0.384), 2384.3(0.067), 2845.9(0.047)
1576.0 *3*	0.031 *3*	^{77}Kr(74.4 m)	129.64(81), 146.59(37.3), 312.0(3.7)
1576.0 *4*	0.053 *8*	^{93}Ru(59.7 s)	680.68(6), 1434.73(0.73), 1015.90(0.42)
1576.0 *20*	0.025 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1576.0 *20*	0.019 *6*	^{145}Gd(23.0 m)	1757.9(34.2), 1880.6(32.6), 1041.8(9.9)
1576.0 *15*	0.21 *11*	^{164}Tb(3.0 m)	168.838(25.4), 754.80(23.3), 215.07(21)
1576.0 *10*	0.11 *3*	^{226}Fr(48 s)	253.73(22.3), 186.05(16.3), 253.9(2.5)
1576.1 *8*	0.030 *10*	^{114}Sb(3.49 m)	1299.90(99), 887.60(17.4), 327.18(7.0)
1576.15	0.17 *5*	^{44}K(22.13 m)	1157.031(58), 2150.76(22.7), 2518.95(9.69)
1576.2 *6*	0.14	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1576.3 *10*	0.062 *12*	^{127}Ba(12.7 m)	180.8(12), 114.8(9.3), 66.06(2.12)
1576.3 *1*	†0.127 *23*	^{160}Ho(5.02 h)	728.18(†100), 879.383(†65.9), 962.317(†59.1)
1576.3 *1*	0.060 *11*	^{160}Ho(25.6 m)	728.18(46.9), 879.383(26.6), 962.317(25.6)
1576.3 *3*	0.30 *4*	^{184}Au(53.0 s)	162.97(50), 272.98(40), 362.47(17.5)
1576.4 *7*	0.71	^{67}As(42.5 s)	122.7(19.2), 120.8(9.3), 243.6(7.8)
1576.4 *3*	0.65 *10*	^{99}Ag(124 s)	264.41(65), 832.29(13.5), 805.07(12.5)
1576.5 *5*	0.13 *7*	^{109}Ru(34.5 s)	206.29(22.0), 225.98(19.6), 1929.05(13.7)
1576.55 *17*	2.26 *6*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1576.6 *4*	0.016 *5*	^{79}Rb(22.9 m)	688.1(23), 182.77(19.2), 143.41(13.9)
1576.6 *6*	0.089 *24*	^{93}Kr(1.286 s)	253.42(41.2), 323.89(24.1), 266.83(20.6)
1576.6 *4*	†0.9 *2*	^{138}Pm(3.24 m)	520.9(†100), 729.0(†37.8), 493.1(†21.6)
1576.62 *3*	11.19 *22*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1576.7 *8*	0.12	^{154}Pm(1.73 m)	2057.76(17.1), 1393.9(14.4), 81.99(12.6)
1576.75 *10*	0.103 *9*	^{137}Xe(3.818 m)	455.490(31), 848.95(0.62), 1783.43(0.415)
1576.9 *4*	0.010 *5*	^{65}Ga(15.2 m)	115.09(54), 61.20(11.4), 153.0(8.9)
1576.9 *7*	0.11 *4*	^{90}Rb(258 s)	831.69(94), 1375.36(16.7), 3317.00(14.4)
1577.0 *9*	0.14 *6*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1577.1 *4*	0.63 *10*	^{97}Rh(30.7 m)	421.55(75), 840.13(12.0), 878.80(9.0)
1577.20 *20*	0.00106 *18*	^{106}Rh(29.80 s)	511.842(20), 621.94(9.93), 1050.39(1.56)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1577.2 *2*	0.023 *4*	^{119}I(19.1 m)	257.52(87), 635.86(2.69), 320.53(2.17)
1577.2 *2*	†2	^{139}I(2.29 s)	527.7(†100), 571.2(†98), 536.6(†67)
1577.20 *20*	0.87 *12*	^{158}Tm(3.98 m)	192.13(62), 335.10(16.8), 1149.83(7.6)
1577.3 *3*	2.88 *22*	^{238}Am(98 m)	962.77(28), 918.69(23.0), 561.11(10.9)
1577.41 *6*	3.46 *3*	^{88}Br(16.5 s)	775.28(63), 802.14(13.13), 1440.69(4.72)
1577.41 *6*	0.048	^{89}Br(4.40 s)	775.28(5.16), 802.14(0.186), 868.57(>0.18)
1577.5 *2*	31.8 *16*	^{94}Rb(2.702 s)	1309.1(87), 836.9(87.10), 1089.4(17.1)
1577.5 *2*	0.06	^{95}Rb(377.5 ms)	836.9(2.9), 1089.4(0.14), 1309.1(0.12)
1577.5 *3*	0.27 *5*	^{129}In(0.61 s)	2118.0(45), 1865.0(32), 769.3(9.1)
1577.5 *3*	0.010 *4*	^{166}Tm(7.70 h)	778.817(18.9), 2052.36(17.2), 184.410(16.1)
1577.5 *5*	0.056 *11*	^{199}Pb(90 m)	366.90(44.2), 353.39(9.5), 1135.04(7.8)
• 1577.50 *3*	0.166 *9*	^{205}Bi(15.31 d)	1764.36(1.368), 703.44(31), 987.62(0.585)
1577.59 *6*	0.770 *24*	^{153}Dy(6.4 h)	80.723(11.10), 213.754(10.90), 99.659(10.51)
1577.59 *15*	†27 *3*	^{164}Tm(2.0 m)	91.40(†1500), 1154.66(†366), 768.91(†279)
1577.60 *7*	6.0 *4*	^{87}Br(55.60 s)	1419.71(22.0), 1476.04(7.9), 532.03(5.4)
1577.6 *6*	0.10 *3*	^{91}Kr(8.57 s)	108.788(43.5), 506.592(19.1), 612.87(7.7)
1577.66 *5*	2.41 *19*	^{125}Cd(0.57 s)	1027.53(25.8), 1173.16(25.1), 736.65(12.6)
1577.66 *15*	0.052 *6*	^{163}Tm(1.810 h)	104.320(18.6), 69.229(11.6), 241.305(10.9)
1577.9 *3*	20 *6*	^{149}Er(4 s)	1748.4(71), 171.5(14), 1233.0(4.0)
1577.90 *10*	0.0075 *14*	^{155}Dy(9.9 h)	226.918(68.4), 184.564(3.37), 1089.8(>2.8)
1578.0 *3*	0.153 *21*	^{93}Rb(5.84 s)	432.61(17.4), 986.05(6.8), 213.429(6.7)
1578.0 *3*	0.019 *6*	^{117}Sb(2.80 h)	158.562(86), 861.35(0.31), 1004.51(0.21)
1578.03 *14*	0.129 *10*	^{87}Kr(76.3 m)	402.586(49.6), 2554.8(9.2), 845.43(7.34)
1578.09 *10*	0.00052 *13*	^{139}Ba(83.06 m)	165.864(0.23), 1420.5(0.26), 1254.7(0.026)
1578.1 *4*	0.67 *12*	^{84}Br(31.80 m)	881.610(42), 1897.761(14.7), 3927.5(6.8)
1578.1 *5*	0.050 *19*	^{138}Xe(14.08 m)	258.411(31.5), 434.562(20.3), 1768.26(16.7)
1578.1 *3*	0.44	^{140}Sm(14.82 m)	225.5(>10), 225.4(10), 140.0(5.0)
1578.1 *1*	†8.3 *5*	^{158}Ho(11.3 m)	218.21(†100.0), 98.91(†70), 945.7(†37)
1578.1 *10*		^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1578.16 *13*	0.63 *7*	^{205}Po(1.66 h)	872.39(37), 1001.21(28.8), 849.83(25.5)
1578.18 *14*	†0.73 *6*	^{184}Ir(3.09 h)	263.97(†100), 119.80(†45), 390.38(†38)
1578.2 *5*	0.10 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)
1578.2 *4*		^{169}Dy(39 s)	
1578.2 *5*	0.29 *9*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1578.36 *6*	0.179 *9*	^{151}Nd(12.44 m)	116.80(43.4), 255.68(16.4), 1180.89(14.8)
1578.4 *5*	0.13 *5*	^{97}Rb(169.9 ms)	167.1(26), 585.2(21.0), 600.5(10.6)
1578.4 *3*	0.14 *6*	^{117}Cd(2.49 h)	273.349(28), 1303.27(18.4), 344.459(17.9)
1578.5 *10*	†5	^{99}Rb(59 ms)	90.8(†100), 125.2(†40), 1071.6(†26)
1578.5 *3*	0.035 *8*	^{143}Eu(2.63 m)	1107.3(8), 1536.8(3.29), 1912.7(2.13)
1578.50	0.038	^{203}Bi(11.76 h)	820.3(30), 825.2(14.6), 896.9(13)
1578.6 *22*	0.06 *5*	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
1578.62 *5*	0.077 *3*	^{246}Am(25.0 m)	1078.86(27.7), 798.80(25), 1062.04(17.1)
1578.7 *7*	0.6 *3*	^{104}In(1.8 m)	658.0(100), 834.1(99), 878.1(29.4)
1578.7 *6*	0.04 *3*	^{175}Tm(15.2 m)	514.868(65), 941.23(15), 363.942(12.7)
1578.80 *12*	0.42 *3*	^{167}Lu(51.5 m)	29.66(14.4), 239.22(8.6), 213.19(3.6)
• 1578.87 *12*	0.100 *19*	^{172}Lu(6.70 d)	1093.657(62.5), 900.724(29.8), 181.528(20.6)
1578.9 *2*	91	^{150}Tm(2.2 s)	474.5(86), 207.6(82), 594.1(13.6)
1578.9 *2*		^{151}Yb(1.6 s)	207.6
1579.0 *5*	†1.8 *4*	^{110}Tc(0.92 s)	240.67(†100), 372.1(†17.0), 613.0(†16.0)
1579 *1*	0.28	^{125}Cs(45 m)	526(24), 111.8(9), 412(5)
1579.0 *6*	0.21 *12*	^{157}Tm(3.63 m)	455.00(9.3), 385.5(8.8), 348.40(8.4)
1579.07 *12*	0.26 *6*	^{110}In(4.9 h)	657.7622(98.3), 884.685(92.9), 937.493(68.4)
1579.15 *16*	1.6 *3*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1579.2 *10*	5 *3*	^{110}Rh(28.5 s)	373.80(91), 546.90(42.4), 687.70(25.8)

E_γ(ΔE)	I_γ(ΔI)	Decay Parent	Associated γ-rays: $E_\gamma(I_\gamma)$
1579.3 *5*	0.006 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
1579.3 *3*	0.153 *23*	^{181}Au(11.4 s)	198.60(4.4), 2022.4(4.2), 79.40(4.2)
1579.3 *10*	†45 *10*	^{193}Tl(21.6 m)	324.37(†100), 1044.7(†59), 676.10(†48)
1579.4 *1*	100	^{146}Tb(23 s)	1078.6(51.6), 1417.2(17.2), 440.9(13.1)
1579.4 *6*	1.1 *5*	^{166}Lu(2.12 m)	1427.18(23.0), 2098.6(16.1), 1256.64(15.2)
1579.5 *6*	0.09 *4*	^{60}Cu(23.7 m)	1332.501(88), 1791.6(45.4), 826.06(21.7)
1579.5 *4*	0.20 *3*	^{139}Xe(39.68 s)	218.59(56), 296.53(21.7), 174.97(11.3)
1579.6	0.32 *8*	^{40}Cl(1.35 m)	1460.830(79), 2839.8(30.4), 2621.5(15.4)
1579.7 *4*	†3.8 *8*	^{187}Hg(1.9 m)	233.38(†100), 376.34(†38), 240.26(†33)
1579.75 *6*	0.065 *3*	^{151}Tb(17.609 h)	287.357(28.3), 251.863(26.3), 108.088(24.3)
• 1579.778 *47*	0.41 *3*	^{124}Sb(60.20 d)	602.730(97.8), 1690.980(47.3), 722.786(10.76)
1579.8 *3*	0.009 *3*	^{115}Sb(32.1 m)	497.358(98), 489.27(1.3), 1236.52(0.58)
1579.8 *5*	0.008 *4*	^{189}Pt(10.87 h)	721.41(9.3), 94.33(7.6), 568.84(7.1)
1579.8 *10*	0.082 *17*	^{201}Bi(108 m)	629.1(24.0), 936.2(11.3), 1014.1(10.7)
1579.9 *3*	†100 *15*	^{134}Pr(17 m)	1964.1(†100), 1904.3(†100), 1494.6(†100)
1579.9 *2*	0.28 *3*	^{176}Ta(8.09 h)	1159.28(25), 88.34(12), 1224.93(6)
1579.9	0.10	^{185}Ir(14.4 h)	254.4(13.3), 1828.8(10), 60.0(5.7)
1579.9 *1*	0.072 *21*	^{234}Pa(6.70 h)	131.30(18), 946.00(13.4), 883.24(9.6)
1579.92 *15*	0.0047 *10*	^{134}La(6.45 m)	604.699(5.05), 1554.934(0.414), 563.227(0.359)
1579.94 *9*	0.0083 *7*	^{131}Te(25.0 m)	149.716(69), 452.323(18.18), 1146.96(4.95)
1580.0 *9*	0.009 *8*	^{98}Nb(51.3 m)	787.374(93), 722.645(73.8), 1168.830(17.8)
1580.0 *3*	0.0060 *9*	^{141}Nd(2.49 h)	1126.8(0.8), 1292.6(0.46), 1147.2(0.306)
1580.0 *3*	0.07 *4*	^{150}Tb(3.48 h)	638.05(72), 496.3(14.8), 792.5(4.39)
1580.0 *10*	0.48 *19*	^{178}Re(13.2 m)	237.3(45), 105.9(23.0), 939.1(8.9)
1580.0 *3*	0.52 *3*	^{192}Au(4.94 h)	316.50791(58.0), 295.95827(22.3), 2236.89(5.6)
1580.0 *4*	0.39 *4*	^{228}Pa(22 h)	911.205(4.19), 463.005(1.250), 964.770(4.25)
1580.19 *27*	0.151 *24*	^{141}Xe(1.73 s)	909.23(24.0), 118.705(16.1), 105.937(9.8)
1580.21 *40*	0.050	^{137}I(24.5 s)	1218.00(12.8), 601.05(4.80), 1302.64(4.42)
• 1580.3 *2*	0.019 *3*	^{146}Eu(4.59 d)	747.2(98), 633.03(43), 634.07(37)
1580.4 *3*	0.35 *7*	^{118}Cs(14 s)	337.4(100), 472.8(37.4), 586.6(15.4)
1580.5 *3*	0.094 *22*	^{101}Sr(118 ms)	128.34(18.0), 1124.82(10.9), 510.73(8.5)
1580.5 *3*	0.06 *2*	^{102}Tc(5.28 s)	475.070(7), 468.59(0.88), 865.5(0.87)
• 1580.5 *3*	†0.052 *10*	^{102}Rh(207 d)	475.070(†47), 628.05(†4.6), 1103.16(†2.99)
1580.5 *15*	0.19 *13*	^{117}Te(62 m)	719.7(65), 1716.4(15.9), 2300.0(11.2)
1580.54 *3*	0.61 *5*	^{228}Ac(6.15 h)	911.205(26.6), 968.971(16.2), 338.322(11.3)
1580.6 *3*		^{118}Ag(3.76 s)	487.77(60), 677.13(11.9), 2788.7(11.8)
1580.6 *7*	0.24 *12*	^{148}Pr(2.27 m)	301.702(61), 1357.78(5.5), 1023.18(4.8)
1580.7 *5*	1.14 *12*	^{109}Sn(18.0 m)	1099.4(30), 649.90(28.0), 1321.3(11.9)
1580.8 *4*	0.51 *5*	^{89}Nb(1.9 h)	1627.20(3.4), 1833.46(3.16), 3092.7(3.0)
1580.8 *2*	0.098 *16*	^{224}Fr(3.30 m)	215.985(33.1), 131.613(16.3), 836.90(9.8)
1580.9 *3*	0.29 *5*	^{104}Tc(18.3 m)	358.0(89), 530.5(15.6), 535.1(14.7)
1580.9 *4*	0.9 *3*	^{133}Sb(2.5 m)	1096.22(43.0), 817.8(18.5), 2755(12.5)
1580.9 *4*	0.135 *21*	^{162}Tm(21.70 m)	102.00(17.5), 798.68(8.4), 227.52(7)
1581 *1*		^{77}Ge(11.30 h)	264.44(54), 211.03(30.8), 215.50(28.6)
1581.0 *4*	0.37 *5*	^{99}Sr(0.269 s)	125.118(16.1), 536.12(14.0), 1198.12(9.2)
1581	†1.5	^{107}Sn(2.90 m)	1129.2(†100), 678.5(†100), 1540.6(†30)
1581.0 *8*	0.17 *11*	^{133}Te(55.4 m)	912.671(55.28), 647.51(19.4), 863.955(15.6)
1581.04 *22*	0.226 *8*	^{91}Mo(15.49 m)	1636.99(0.329), 2631.97(0.118), 3028.25(0.085)
1581.1 *10*	0.077 *9*	^{129}Sb(4.40 h)	812.8(43), 914.6(20.0), 544.7(17.9)
1581.1 *5*	0.67 *7*	^{208}At(1.63 h)	686.527(98), 660.040(89), 177.595(48.6)
1581.2 *8*	>0.28	^{175}Ta(10.5 h)	207.4(14.0), 348.5(12.0), 266.9(10.8)
• 1581.25 *21*	0.025 *6*	^{72}As(26.0 h)	834.01(80), 629.95(7.92), 1463.95(1.107)
1581.3 *5*	0.19 *6*	^{161}Tm(33 m)	45.54(5.00), 1648.1(9.50), 84.40(9.4)